

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005805.D
 Acq On : 06 Nov 2018 13:31
 Operator : JC/MD
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2018 11:02:42 AM

Quant Time: Nov 07 08:49:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116895	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	5.51	113	95312	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	343250	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	121272	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39292	19.098	ug/l	100
3) Chloromethane	1.32	50	43483	17.919	ug/l	100
4) Vinyl Chloride	1.40	62	45901	18.181	ug/l	98
5) Bromomethane	1.64	94	40551	12.944	ug/l	99
6) Chloroethane	1.72	64	28395	19.284	ug/l	100
7) Trichlorofluoromethane	1.93	101	59381	18.324	ug/l	99
8) Diethyl Ether	2.19	74	26148	17.951	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37358	18.978	ug/l	93
10) Methyl Iodide	2.51	142	35771	19.885	ug/l	97
11) Tert butyl alcohol	3.07	59	64767	91.595	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34452	17.961	ug/l	88
13) Acrolein	2.29	56	44534	95.918	ug/l	97
14) Allyl chloride	2.73	41	68889	17.369	ug/l #	93
15) Acrylonitrile	3.15	53	138010	88.758	ug/l	97
16) Acetone	2.45	43	123247	85.942	ug/l	97
17) Carbon Disulfide	2.57	76	92379	15.673	ug/l	99
18) Methyl Acetate	2.78	43	66611	17.826	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	131028	19.734	ug/l	99
20) Methylene Chloride	2.85	84	42725	19.029	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	36702	18.083	ug/l	94
22) Diisopropyl ether	3.87	45	134474	18.277	ug/l #	93
23) Vinyl Acetate	3.82	43	565910	88.306	ug/l	98
24) 1,1-Dichloroethane	3.70	63	74646	17.942	ug/l	99
25) 2-Butanone	4.70	43	190081	86.542	ug/l	98
26) 2,2-Dichloropropane	4.59	77	59049	18.987	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43489	19.068	ug/l	97
28) Bromochloromethane	5.01	49	35130	17.308	ug/l	99
29) Tetrahydrofuran	5.15	42	119022	88.782	ug/l	92
30) Chloroform	5.22	83	71416	17.557	ug/l	96
31) Cyclohexane	5.57	56	61632	17.715	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	60186	18.488	ug/l	97
36) 1,1-Dichloropropene	5.79	75	52040	17.398	ug/l	98
37) Ethyl Acetate	4.85	43	67695	17.739	ug/l	96
38) Carbon Tetrachloride	5.78	117	47656	17.635	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59117	18.951	ug/l	95
40) Benzene	6.14	78	163467	18.370	ug/l	97
41) Methacrylonitrile	5.06	41	36282	17.596	ug/l	93
42) 1,2-Dichloroethane	6.20	62	57893	17.601	ug/l	100
43) Isopropyl Acetate	6.46	43	104629	18.890	ug/l	98
44) Trichloroethene	7.22	130	39239	19.066	ug/l	91
45) 1,2-Dichloropropane	7.52	63	43066	18.885	ug/l	99
46) Dibromomethane	7.66	93	26419	18.128	ug/l	92
47) Bromodichloromethane	7.90	83	48546	17.759	ug/l	94
48) Methyl methacrylate	7.77	41	49901	18.615	ug/l	97
49) 1,4-Dioxane	7.75	88	21781	364.879	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	355950	94.250	ug/l	99
52) Toluene	8.79	92	97344	20.224	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	55605	18.769	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	60447	19.044	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	40906	19.569	ug/l	92
56) Ethyl methacrylate	9.18	69	59122	18.310	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64519	17.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	169509	90.971	ug/l	96
59) 2-Hexanone	9.49	43	270382	87.973	ug/l	97
60) Dibromochloromethane	9.59	129	35258	17.455	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39187	18.398	ug/l	99
64) Tetrachloroethene	9.34	164	35333	19.821	ug/l	97
65) Chlorobenzene	10.14	112	97553	18.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33933	19.118	ug/l	97
67) Ethyl Benzene	10.25	91	167999	18.986	ug/l	100
68) m/p-Xylenes	10.36	106	131406	39.965	ug/l	99
69) o-Xylene	10.70	106	59469	18.910	ug/l	94
70) Styrene	10.71	104	101340	19.402	ug/l	98
71) Bromoform	10.86	173	25591	17.795	ug/l #	99
73) Isopropylbenzene	11.02	105	168629	20.379	ug/l	99
74) N-amyl acetate	10.90	43	81603	18.523	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	64374	18.752	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61164m	19.580	ug/l	
77) Bromobenzene	11.26	156	41377	20.157	ug/l	90
78) n-propylbenzene	11.36	91	198345	19.704	ug/l	97
79) 2-Chlorotoluene	11.42	91	117961	19.620	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	141550	20.147	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18154	18.776	ug/l	95
82) 4-Chlorotoluene	11.51	91	139947	19.497	ug/l	97
83) tert-Butylbenzene	11.77	119	133148	19.862	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	146532	20.653	ug/l	98
85) sec-Butylbenzene	11.94	105	170984	19.883	ug/l	97
86) p-Isopropyltoluene	12.07	119	146144	19.982	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	76805	19.351	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78057	18.307	ug/l	96
89) n-Butylbenzene	12.39	91	139078	18.848	ug/l	98
90) Hexachloroethane	12.60	117	22589	17.409	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	78058	18.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14839	18.429	ug/l	89

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ClientSampleId :
VX1106WBSD01

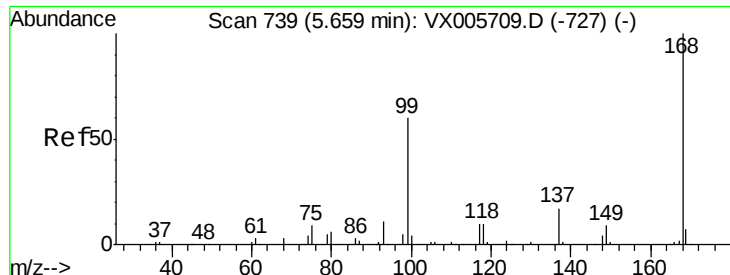
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53938	20.282	ug/l	99
94) Hexachlorobutadiene	13.79	225	24834	19.303	ug/l	100
95) Naphthalene	13.83	128	182236	20.836	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	55373	20.452	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampled :

VX1106WBSD01

Tot Ion:168 Resp: 178092

Ion Ratio Lower Upper

168 100

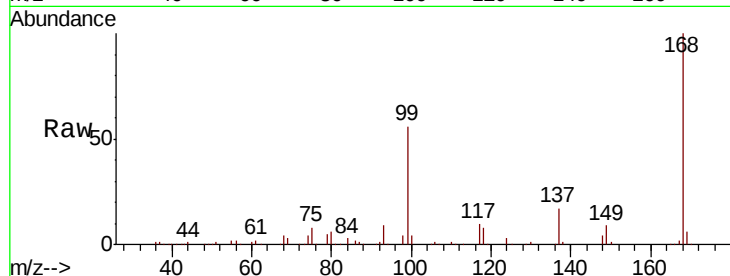
99 56.5 40.7 61.1

Manual Integrations

APPROVED

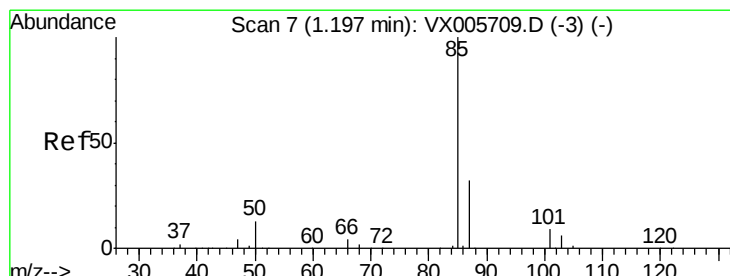
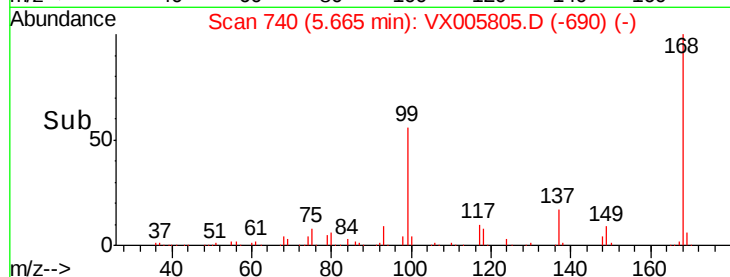
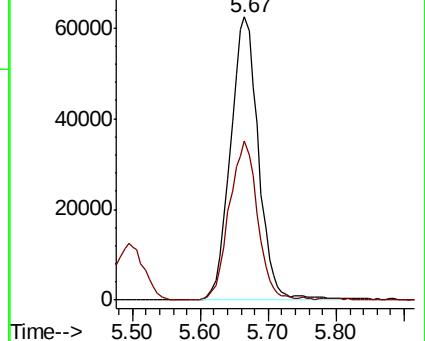
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.098 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005805.D

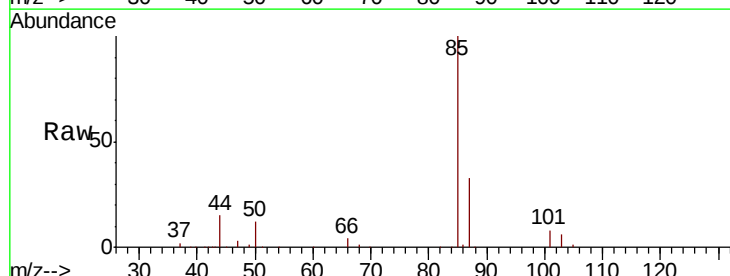
Acq: 06 Nov 2018 13:31

Tgt Ion: 85 Resp: 39292

Ion Ratio Lower Upper

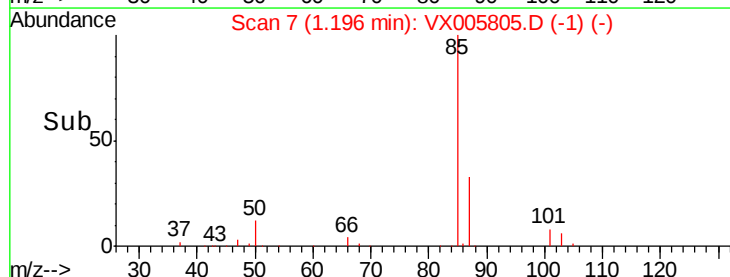
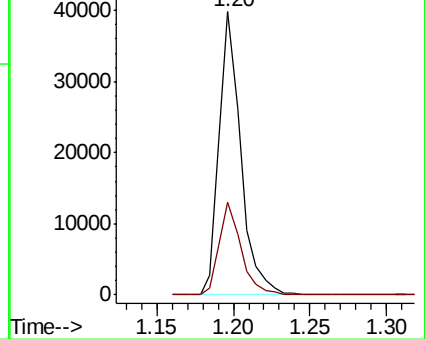
85 100

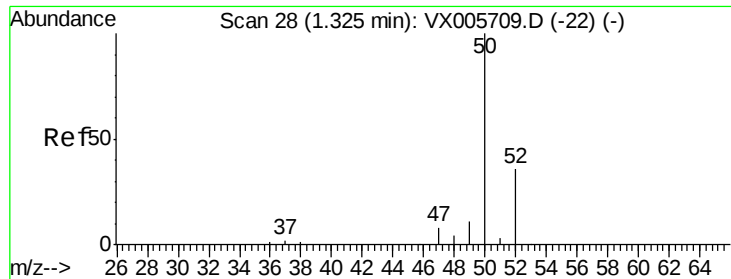
87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.919 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 50 Resp: 43483

Ion Ratio Lower Upper

50 100

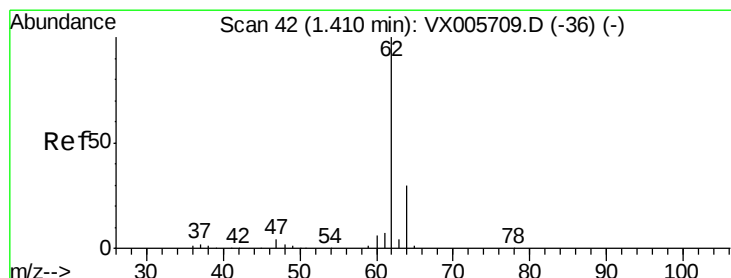
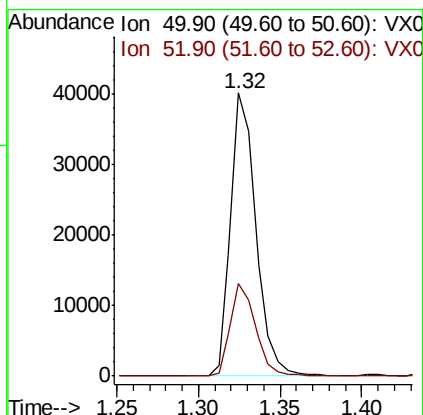
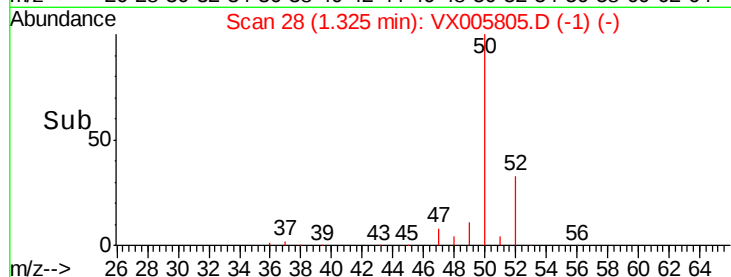
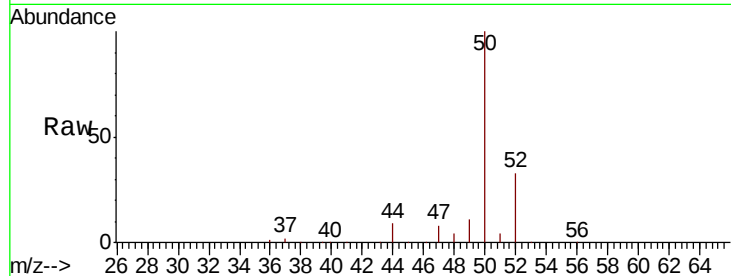
52 32.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.181 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005805.D

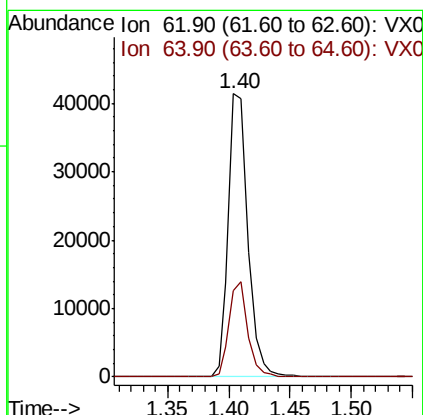
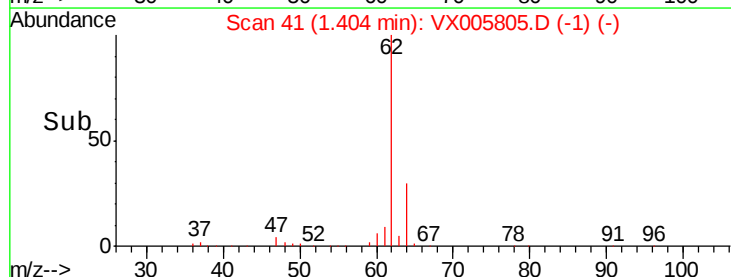
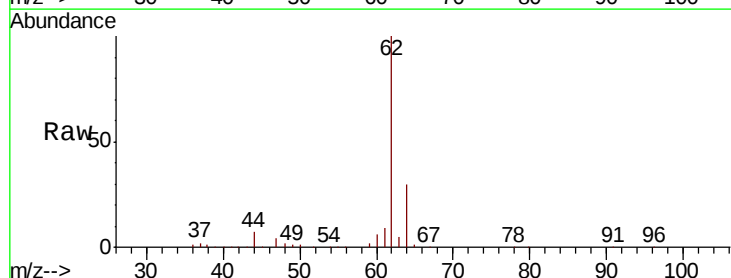
Acq: 06 Nov 2018 13:31

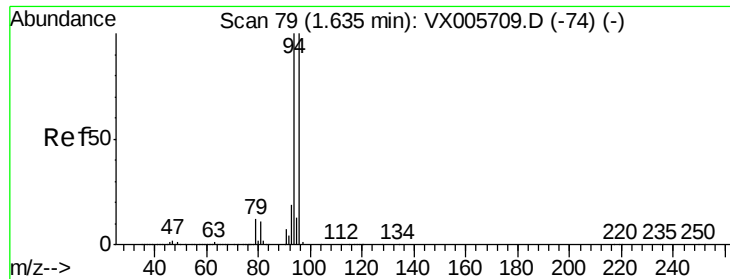
Tgt Ion: 62 Resp: 45901

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 12.944 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 94 Resp: 40551

Ion Ratio Lower Upper

94 100

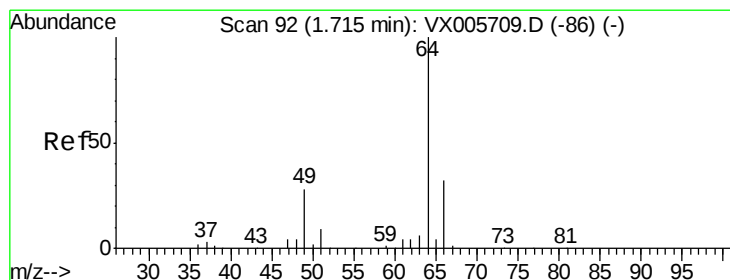
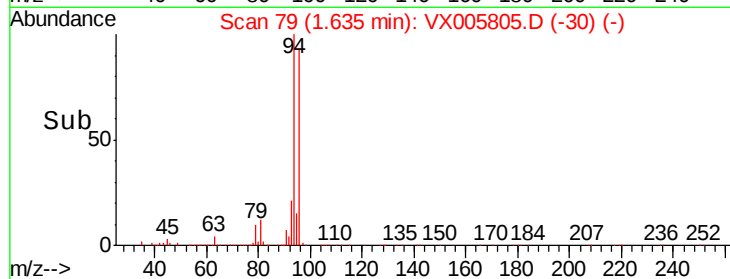
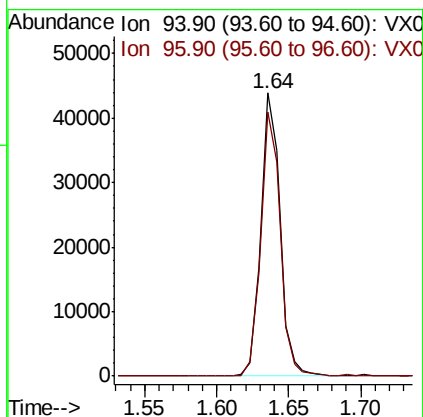
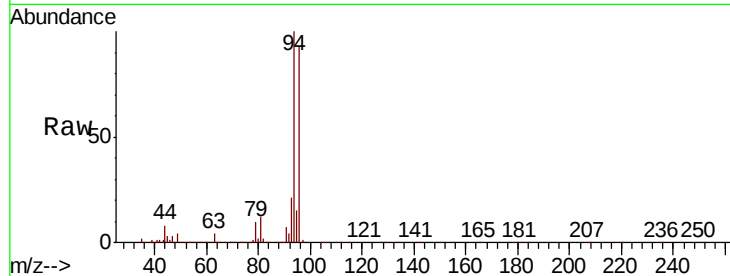
96 93.5 75.2 112.8

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#6

Chloroethane

Concen: 19.284 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005805.D

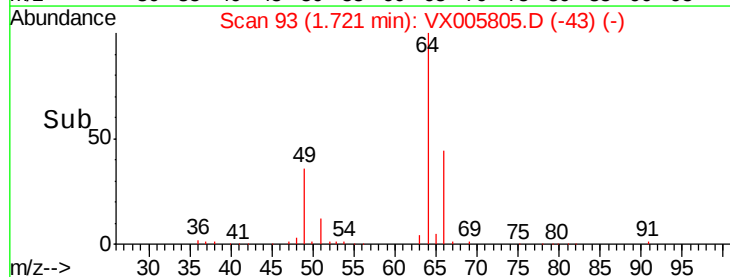
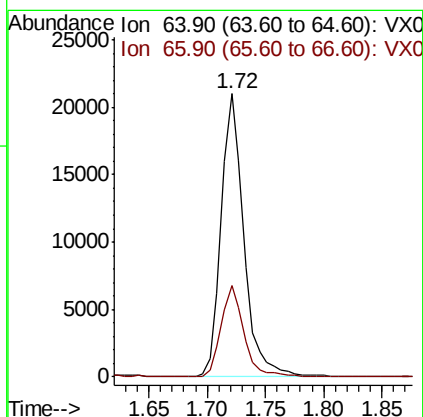
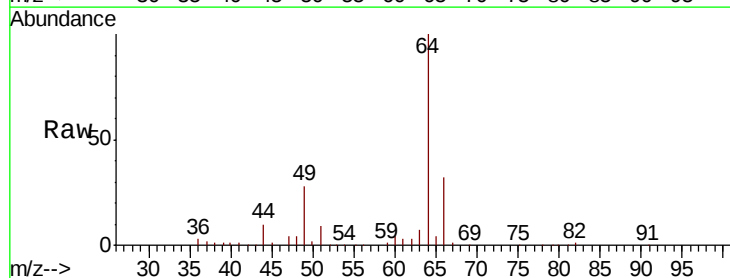
Acq: 06 Nov 2018 13:31

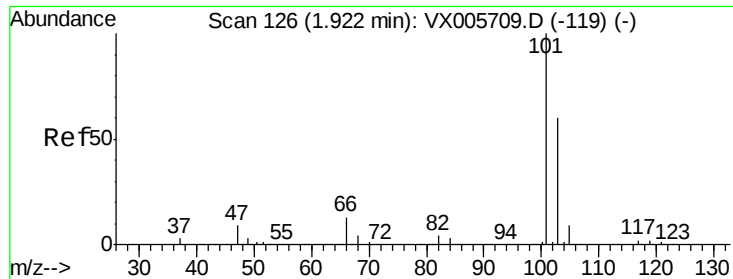
Tgt Ion: 64 Resp: 28395

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6





#7

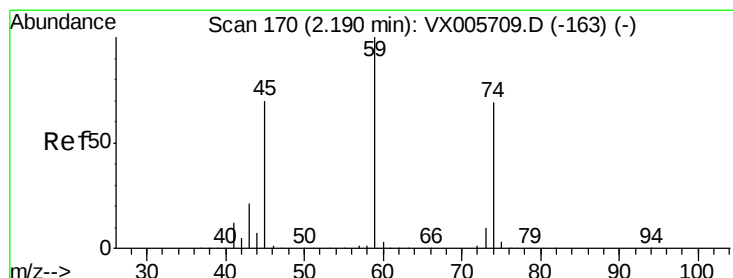
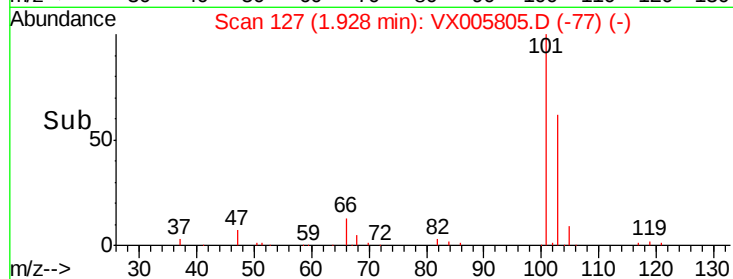
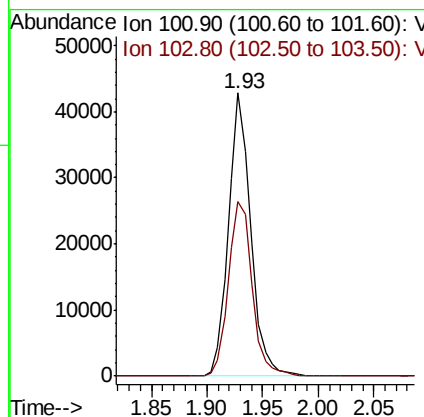
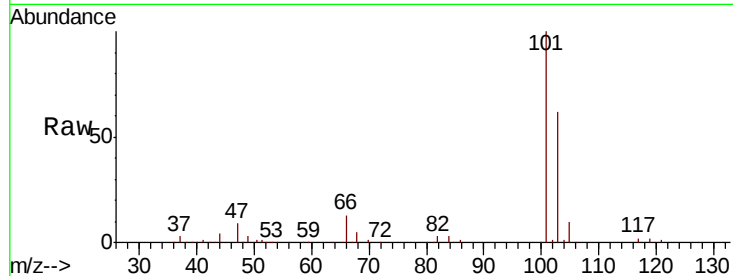
Trichlorofluoromethane
Concen: 18.324 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

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VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	50.0	75.0

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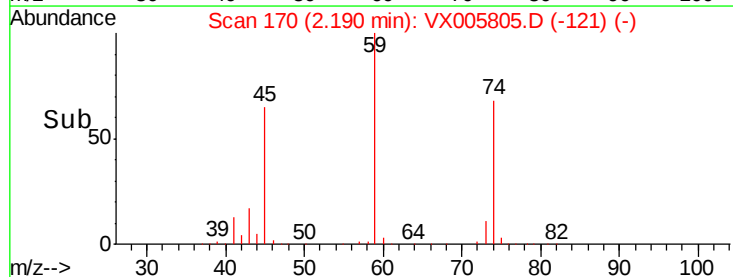
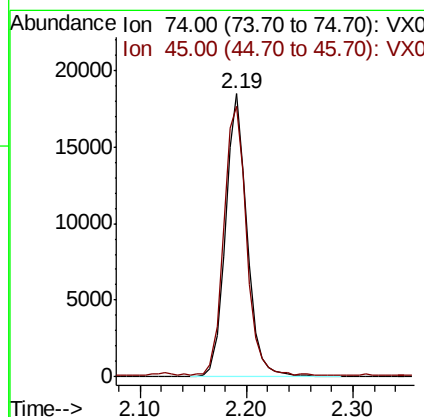
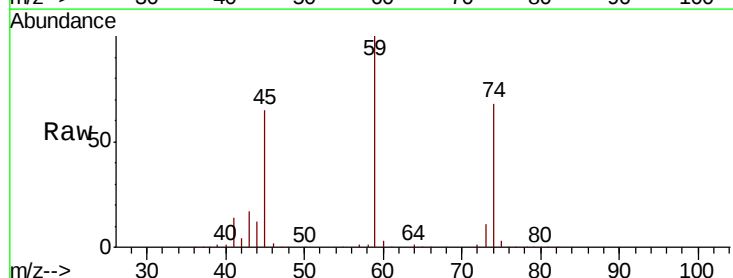
MMDadoda
11/7/2018 11:02:42 AM

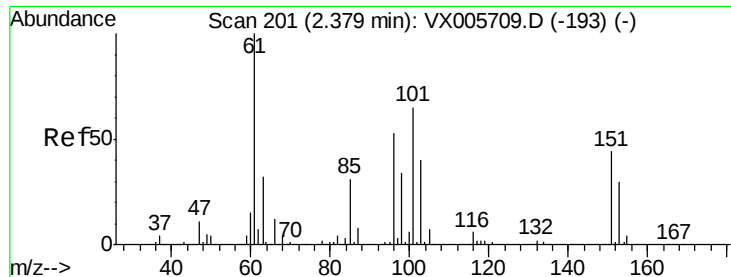


#8

Diethyl Ether
Concen: 17.951 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.978 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

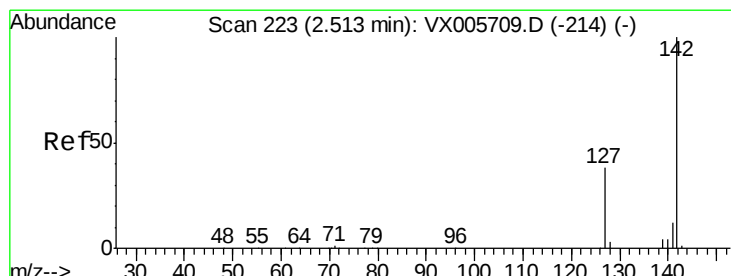
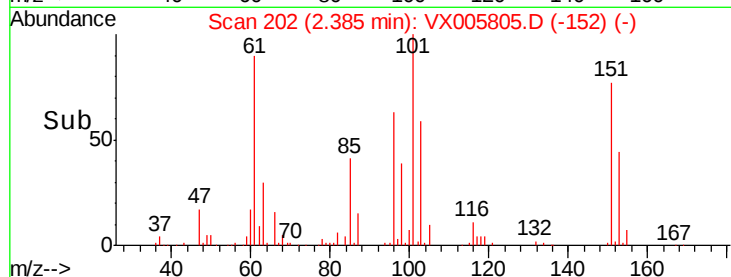
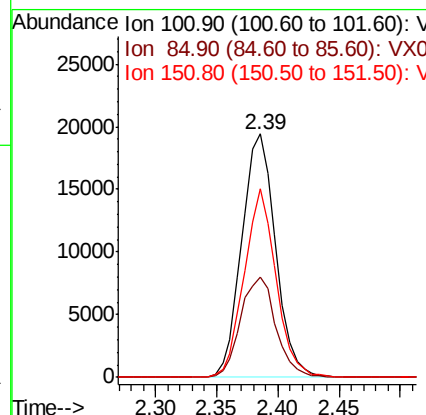
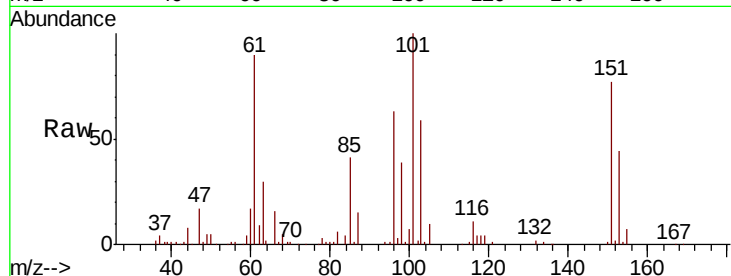
ClientSampleId :

VX1106WBSD01

Tot Ion:	101	Resp:	37358
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.0	52.4
151	73.2	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.885 ug/l

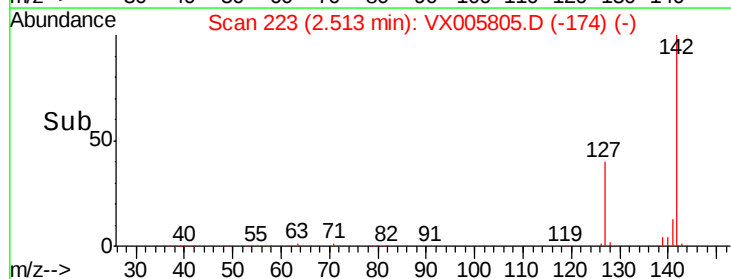
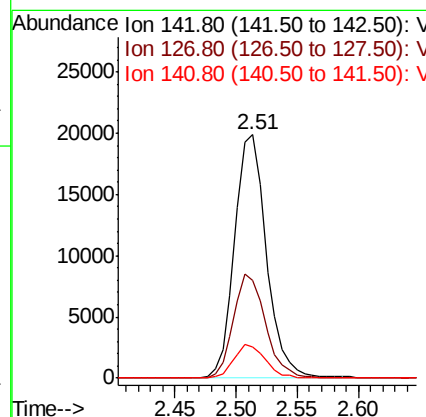
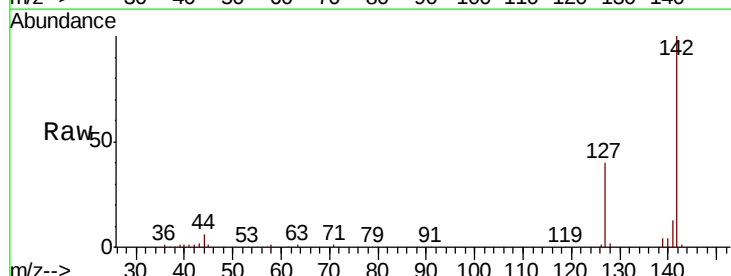
RT: 2.51 min Scan# 223

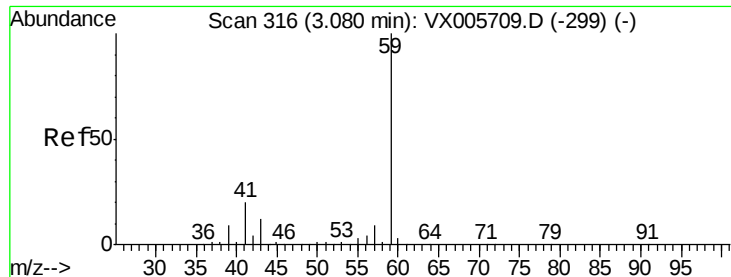
Delta R.T. 0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion:	142	Resp:	35771
Ion Ratio	Lower	Upper	
142	100		
127	43.1	36.0	54.0
141	13.7	11.7	17.5





#11

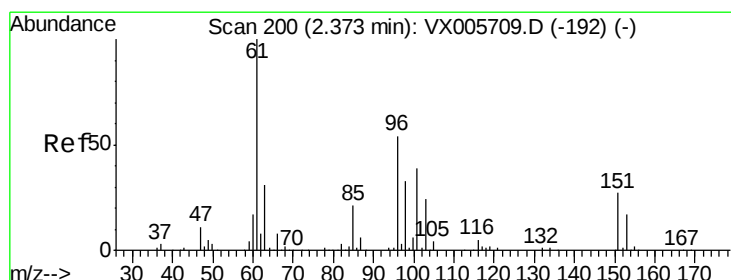
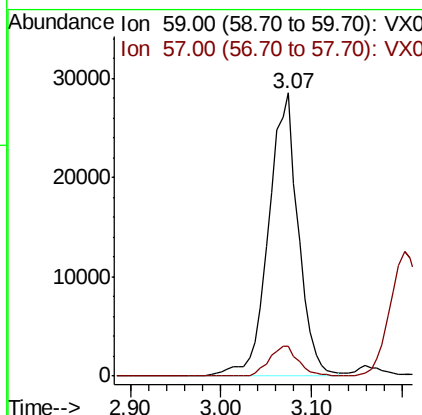
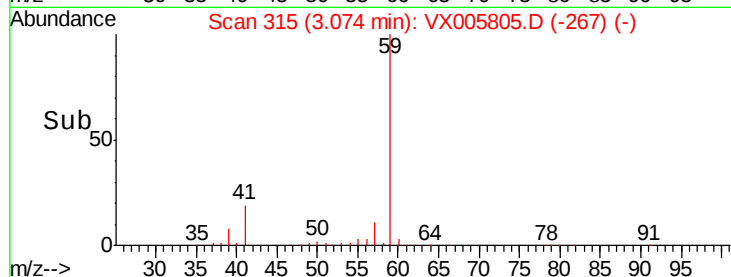
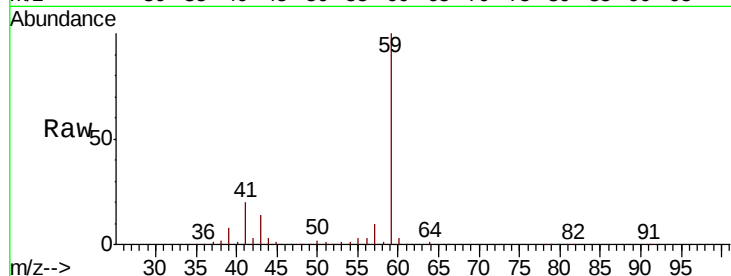
Tert butyl alcohol
Concen: 91.595 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

Manual Integrations
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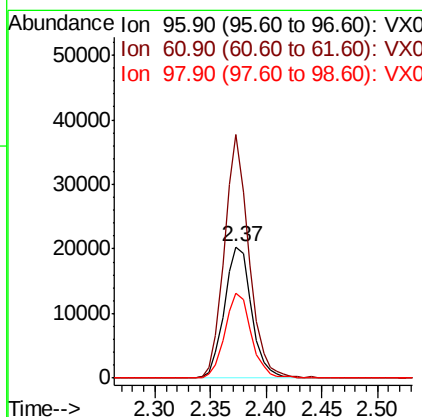
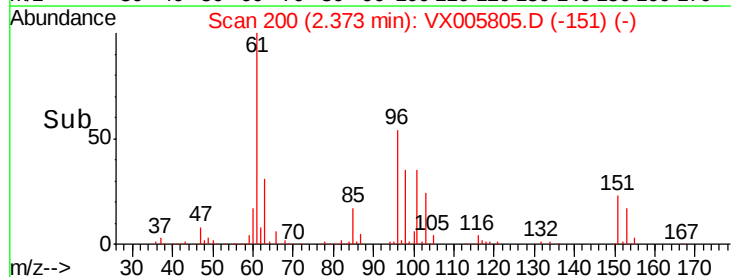
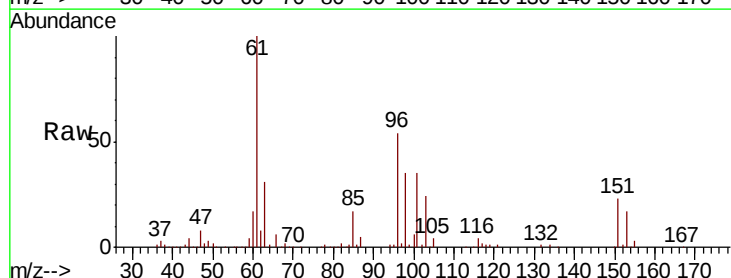
MMDadoda
11/7/2018 11:02:42 AM

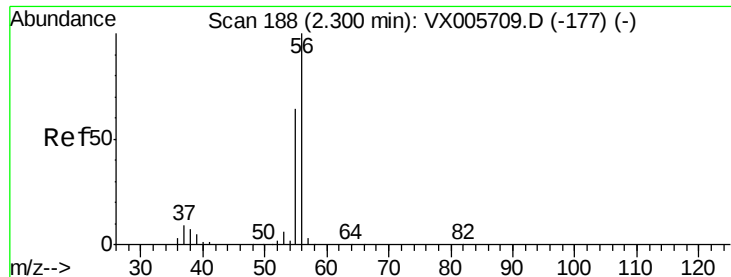


#12

1,1-Dichloroethene
Concen: 17.961 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.7	131.8	197.8
98	64.3	53.4	80.2





#13

Acrolein

Concen: 95.918 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 56 Resp: 44534

Ion Ratio Lower Upper

56 100

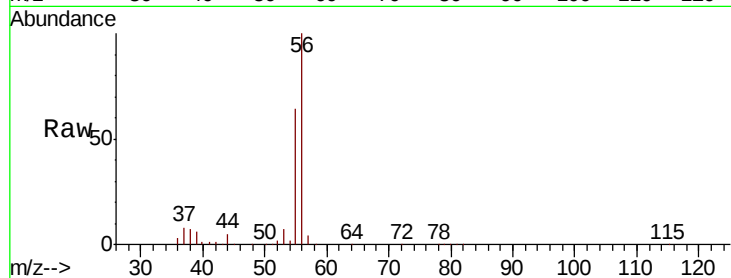
55 69.4 57.3 85.9

Manual Integrations

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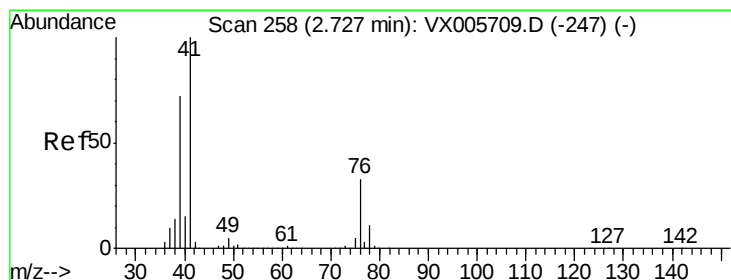
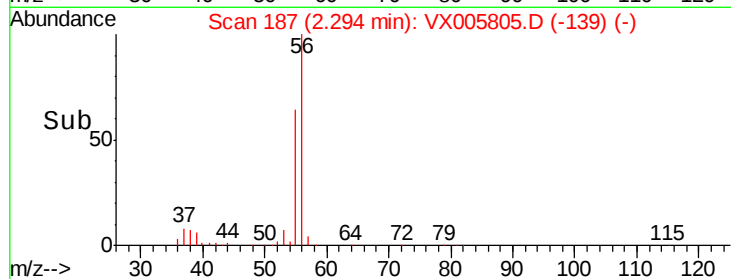
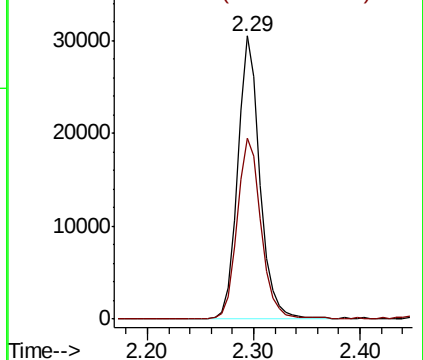
MMDadoda

11/7/2018 11:02:42 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.369 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

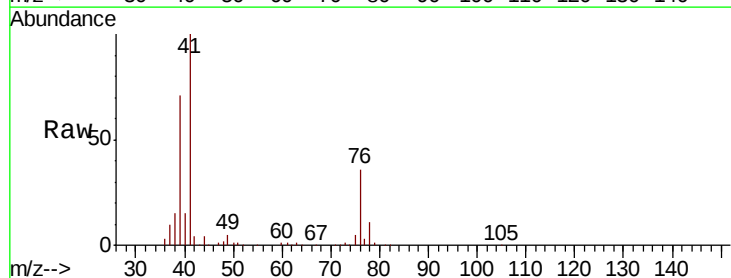
Tgt Ion: 41 Resp: 68889

Ion Ratio Lower Upper

41 100

39 63.2 48.2 72.4

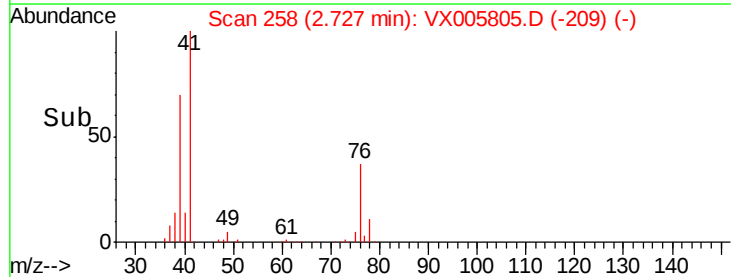
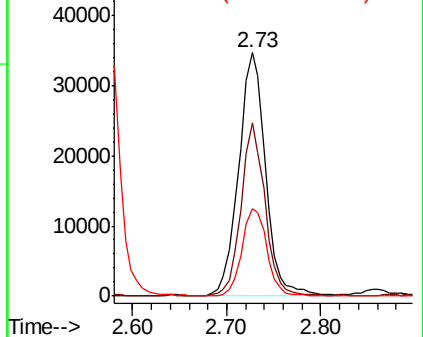
76 33.9 21.9 32.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.758 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

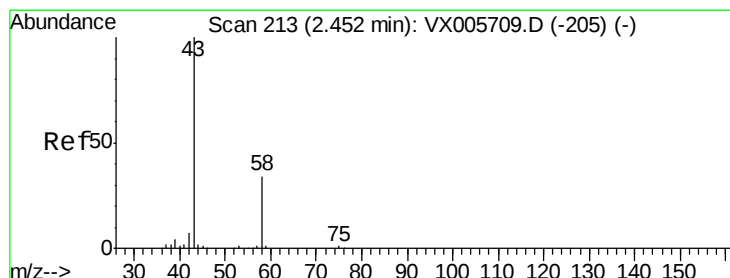
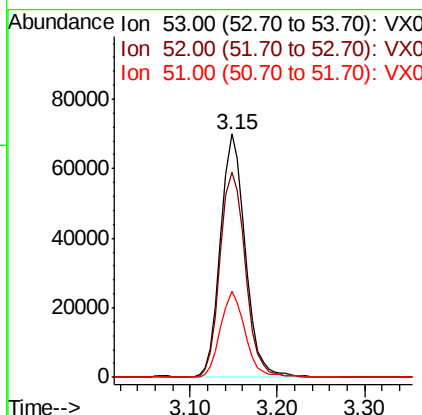
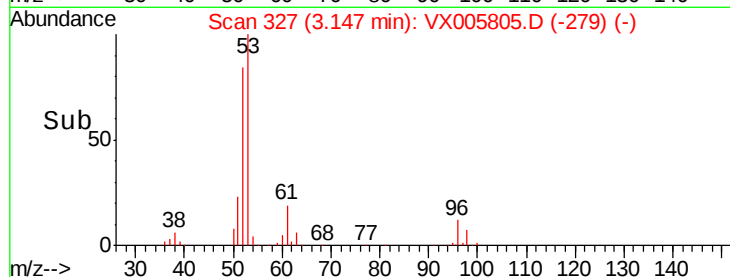
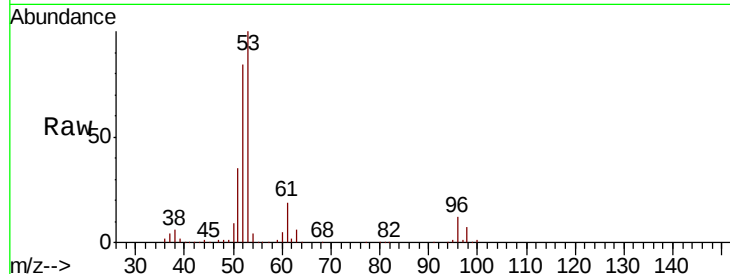
ClientSampleId :

VX1106WBSD01

Tot Ion:	53	Resp:	138010
Ion Ratio		Lower	Upper
53	100		
52	86.6	66.6	99.8
51	35.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 85.942 ug/l

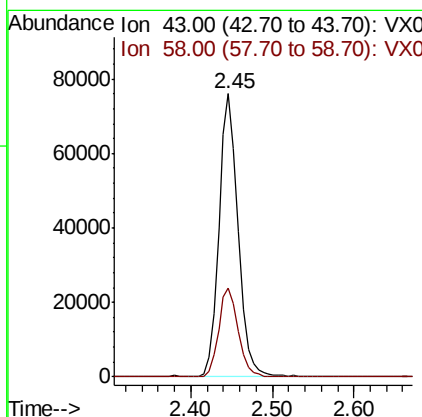
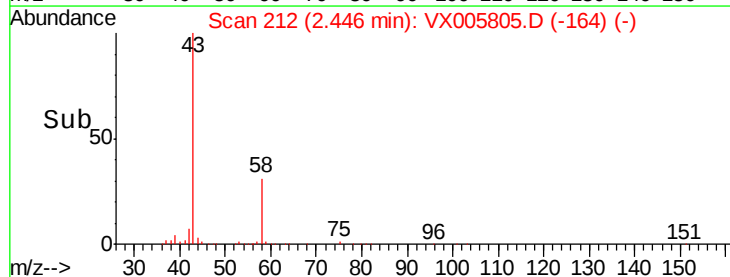
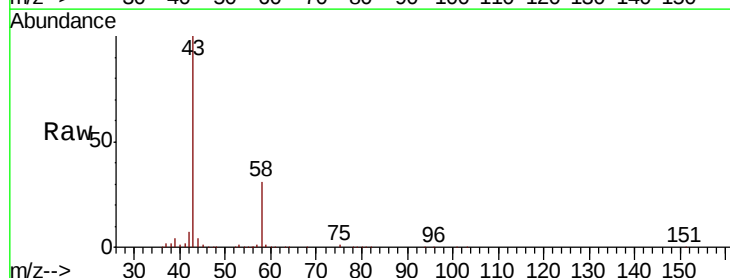
RT: 2.45 min Scan# 212

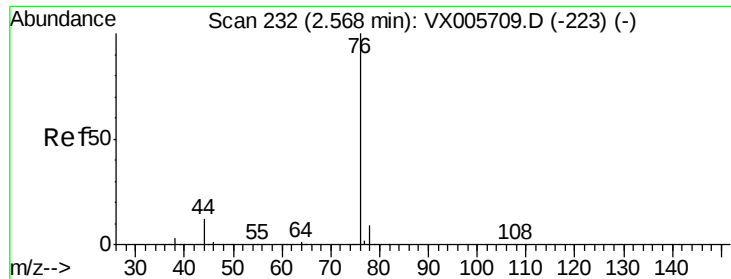
Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion:	43	Resp:	123247
Ion Ratio		Lower	Upper
43	100		
58	31.3	23.8	35.6





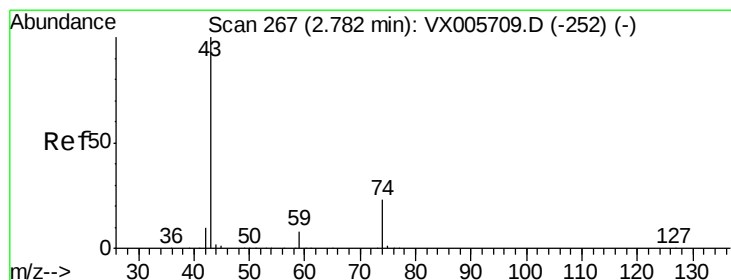
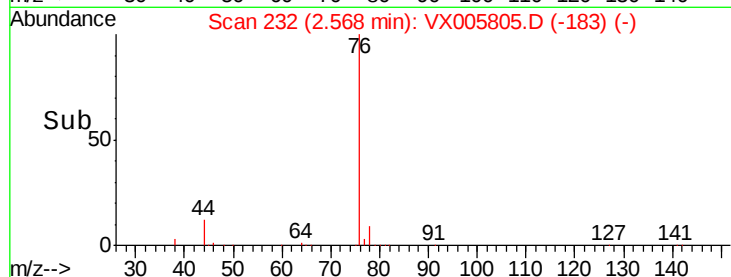
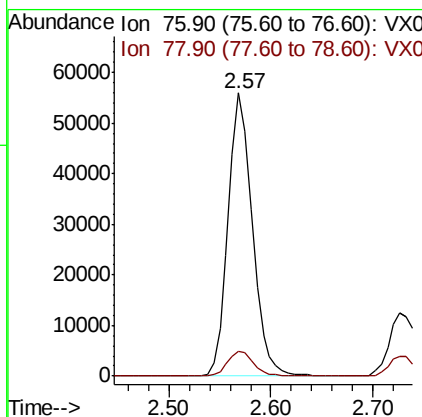
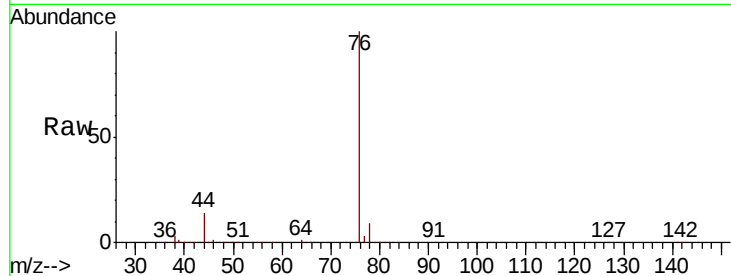
#17
Carbon Disulfide
Concen: 15.673 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

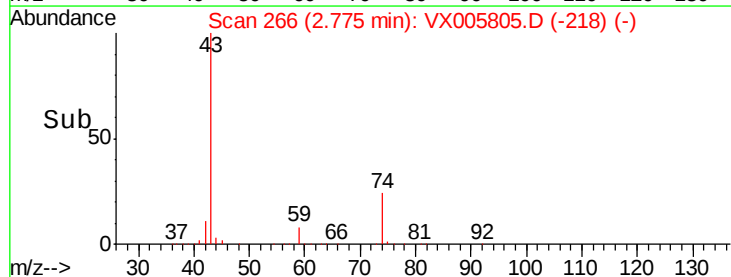
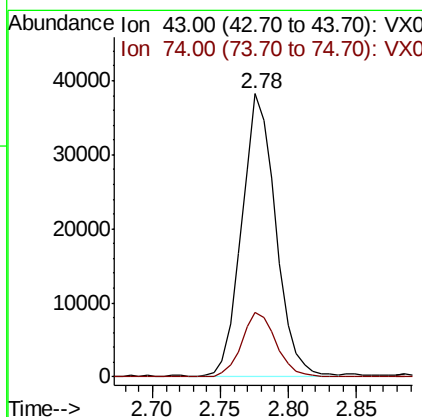
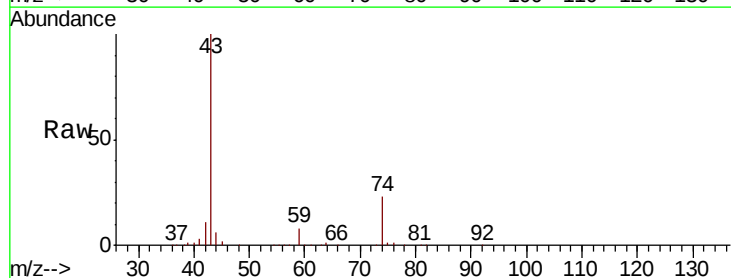
Manual Integrations
APPROVED

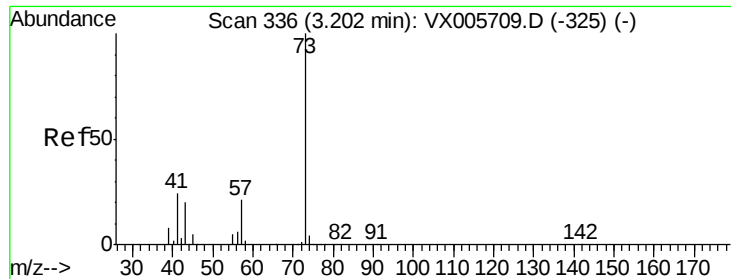
MMDadoda
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#18
Methyl Acetate
Concen: 17.826 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	16.8	25.2





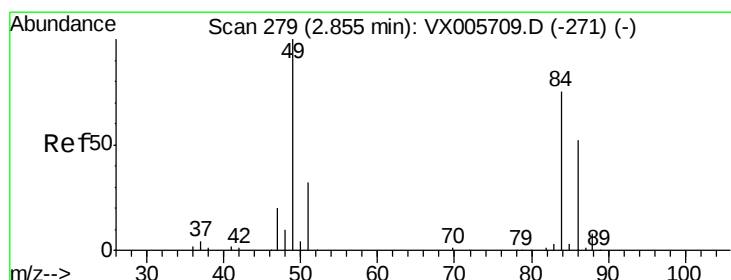
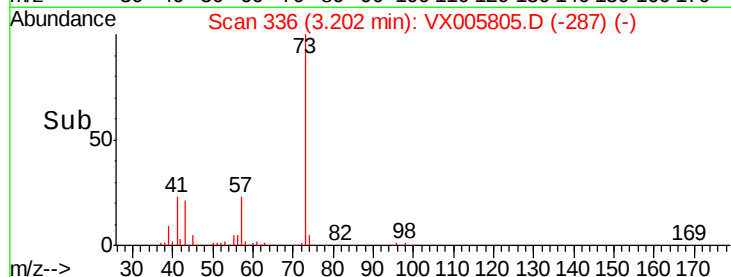
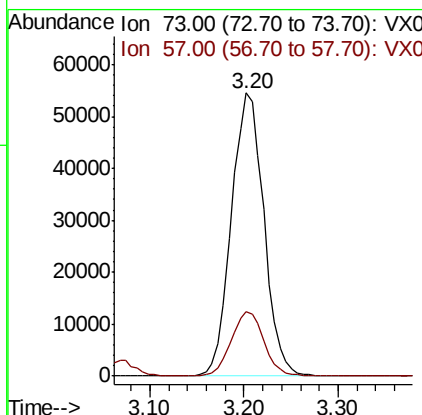
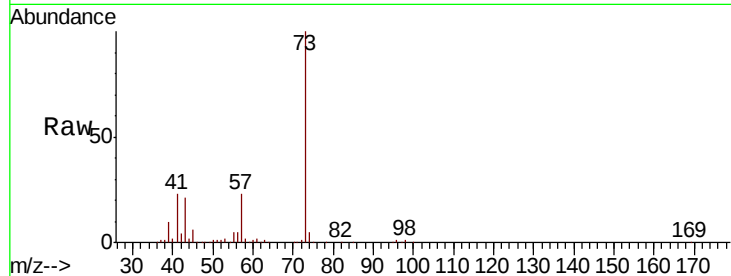
#19
Methvl tert-butvl Ether
Concen: 19.734 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 73 Resp: 131028
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2

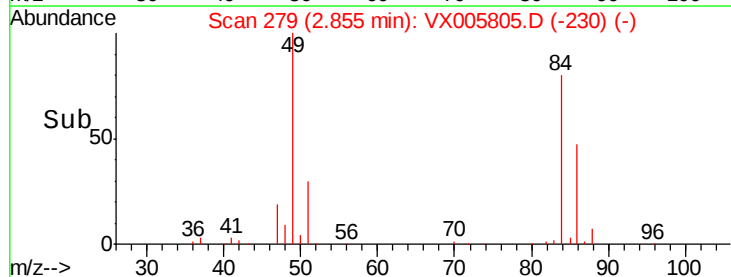
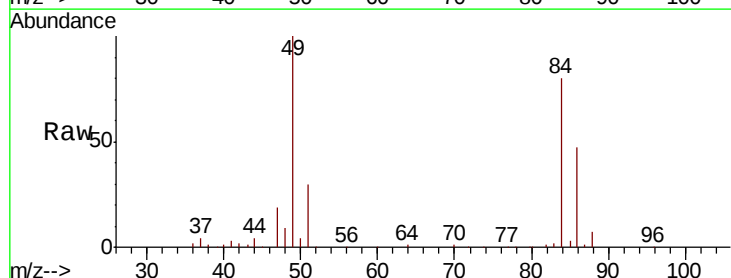
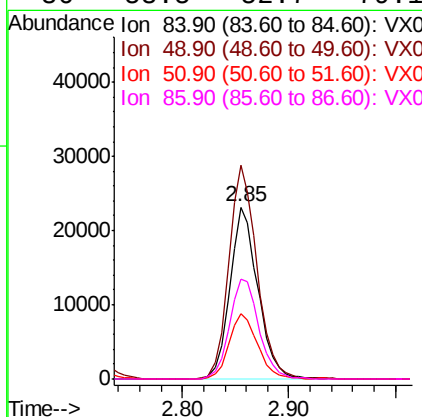
Manual Integrations
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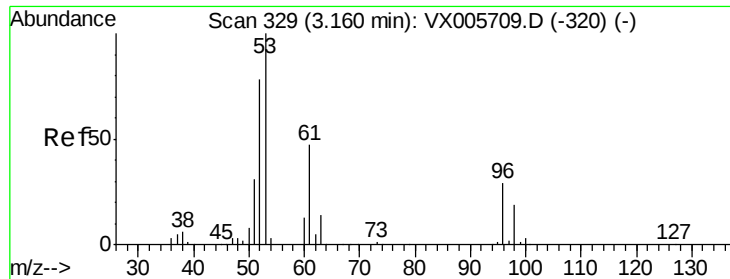
MMDadoda
11/7/2018 11:02:42 AM



#20
Methylene Chloride
Concen: 19.029 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 84 Resp: 42725
Ion Ratio Lower Upper
84 100
49 124.1 109.5 164.3
51 37.8 33.3 49.9
86 58.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.083 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampled :

VX1106WBSD01

Tot Ion: 96 Resp: 36702

Ion Ratio Lower Upper

96 100

61 152.5 115.6 173.4

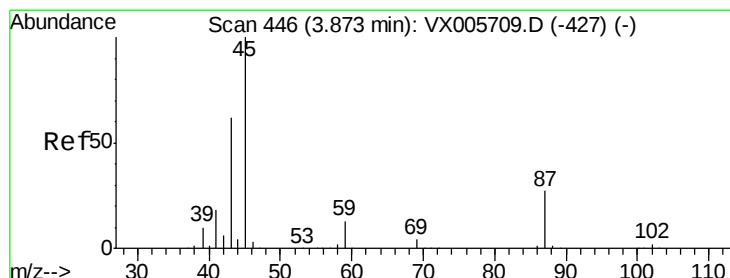
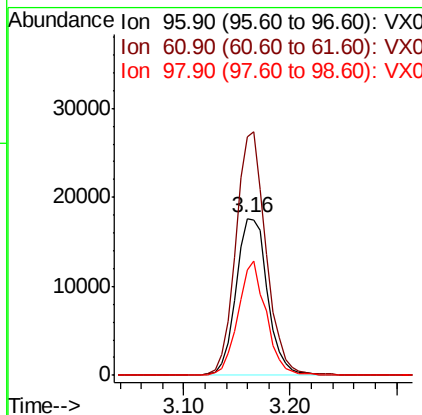
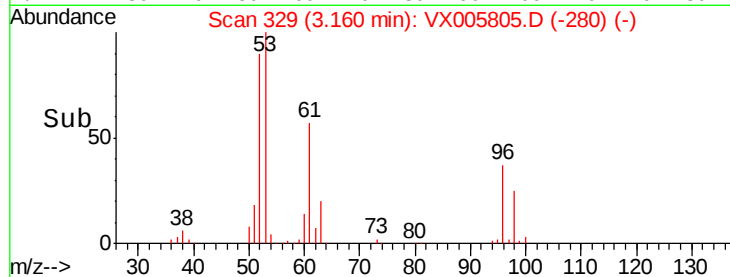
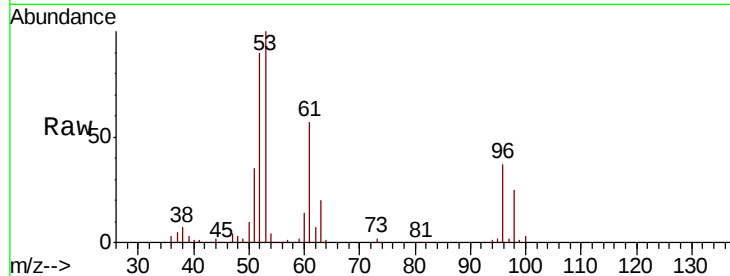
98 67.2 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.277 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion: 45 Resp: 134474

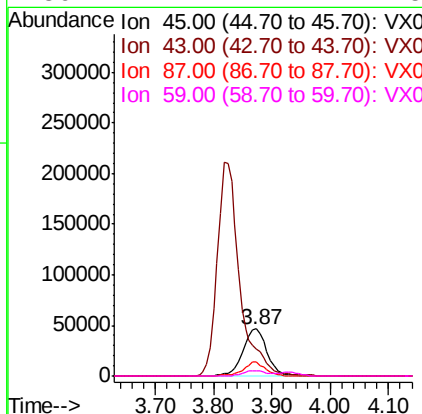
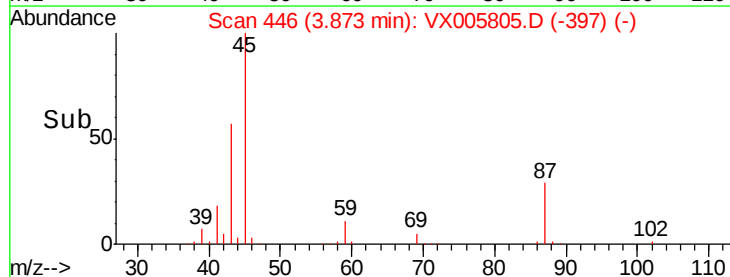
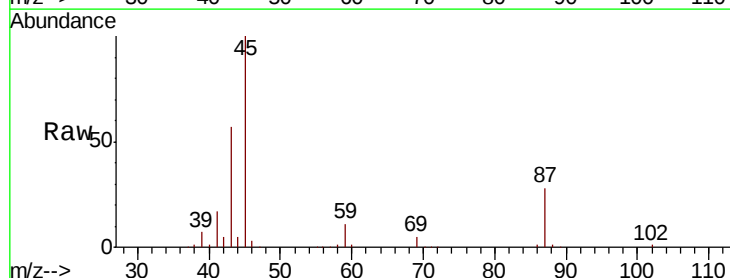
Ion Ratio Lower Upper

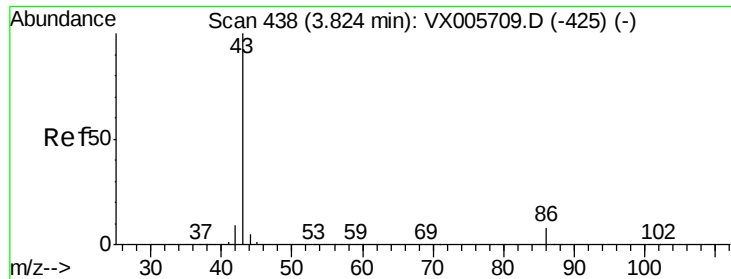
45 100

43 56.9 47.4 71.2

87 28.5 15.9 23.9#

59 11.2 7.7 11.5





#23

Vinyl Acetate

Concen: 88.306 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 43 Resp: 565910

Ion Ratio Lower Upper

43 100

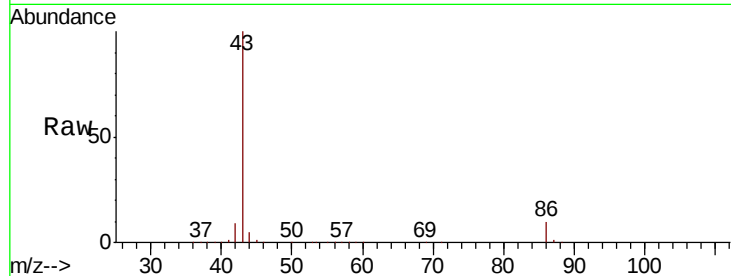
86 10.1 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005709.D (-425) (-)

250000

200000

150000

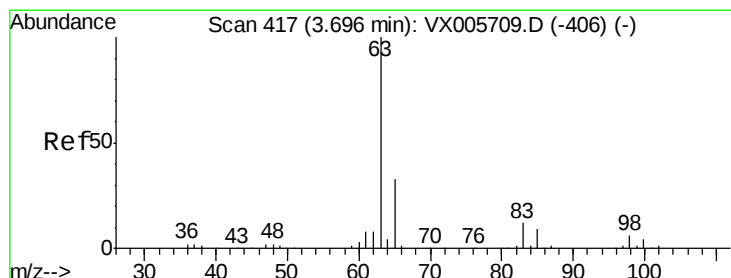
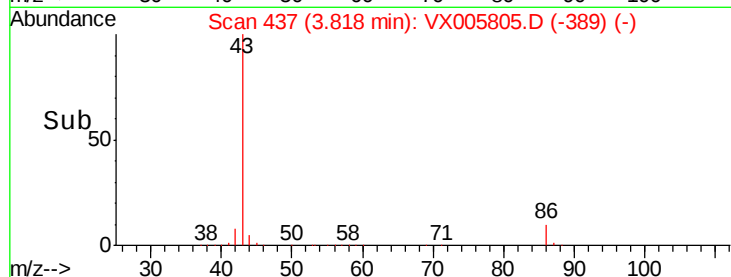
100000

50000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.942 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

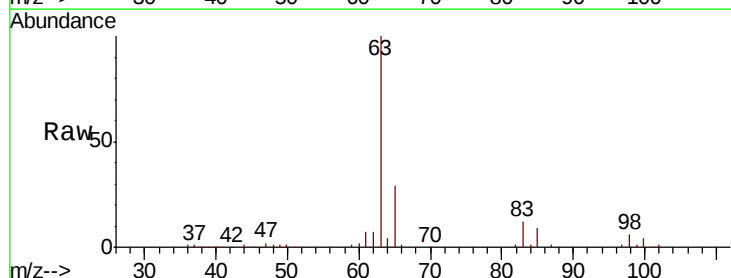
Tgt Ion: 63 Resp: 74646

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005709.D (-406) (-)

Ion 97.90 (97.60 to 98.60): VX005709.D (-406) (-)

Ion 99.90 (99.60 to 100.60): VX005709.D (-406) (-)

40000

30000

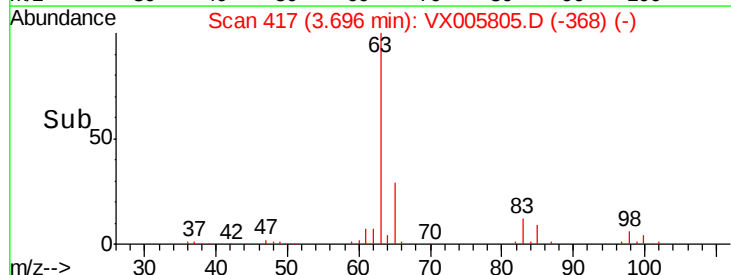
20000

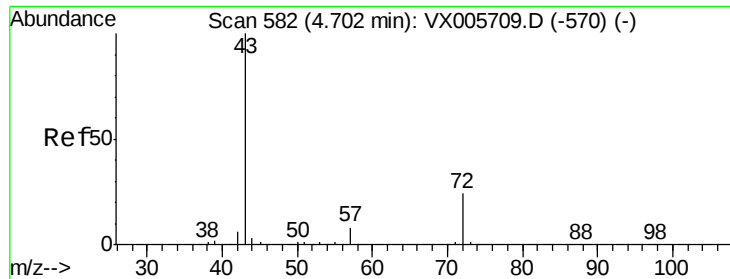
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 86.542 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 43 Resp: 190081

Ion Ratio Lower Upper

43 100

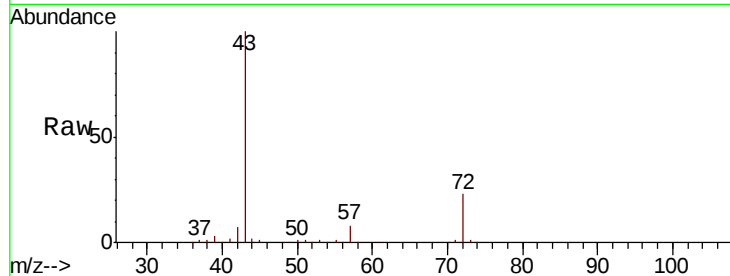
72 22.9 19.2 28.8

Manual Integrations

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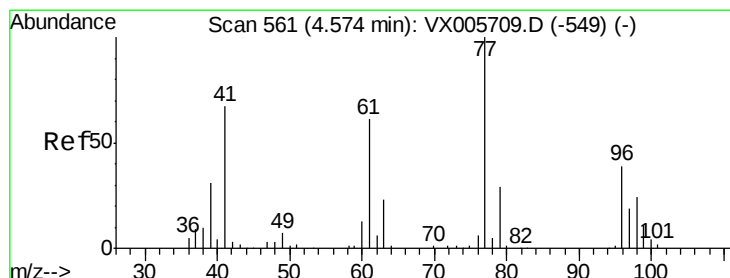
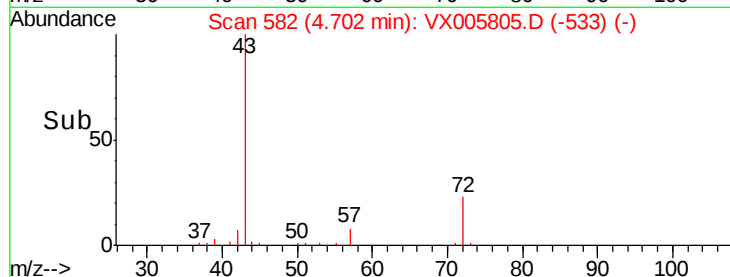
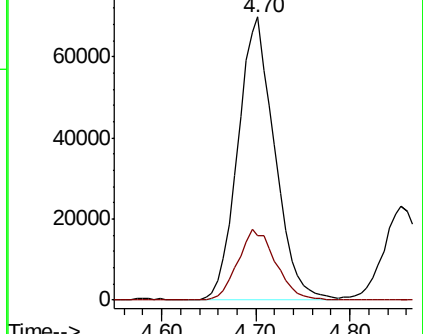
MMDadoda

11/7/2018 11:02:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.987 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.02 min

Lab File: VX005805.D

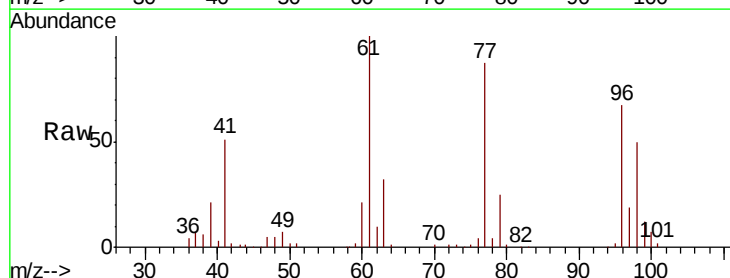
Acq: 06 Nov 2018 13:31

Tgt Ion: 77 Resp: 59049

Ion Ratio Lower Upper

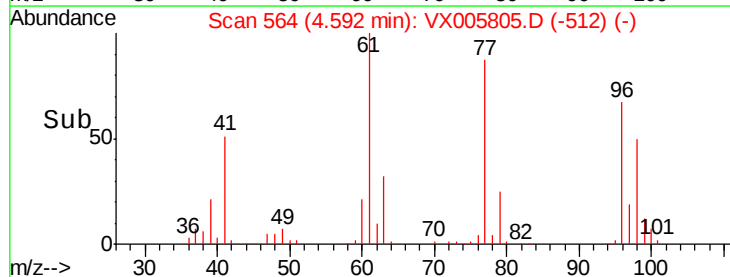
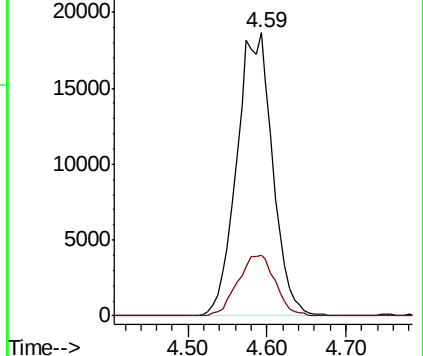
77 100

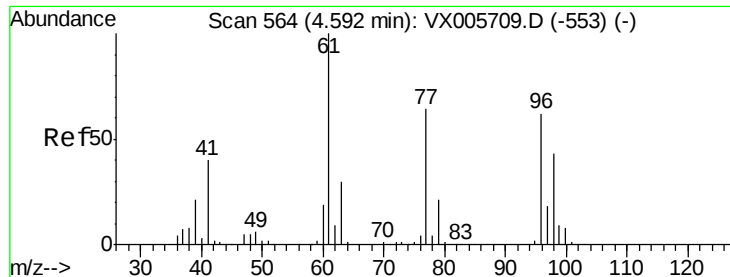
97 22.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

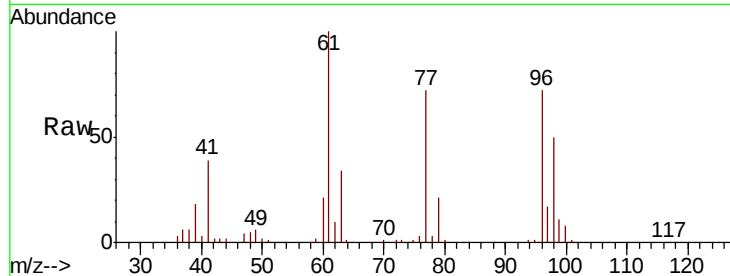
cis-1,2-Dichloroethene
Concen: 19.068 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	304.6
98	62.9	0.0	127.4

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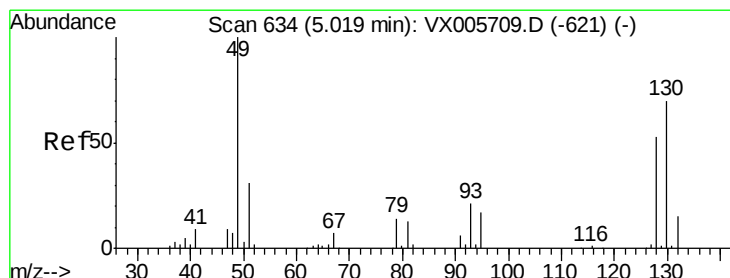
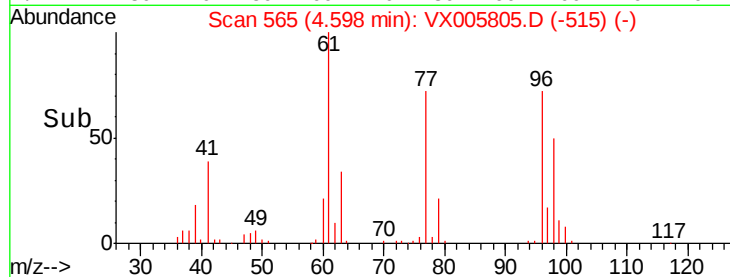
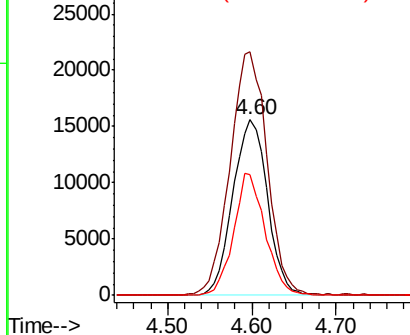


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

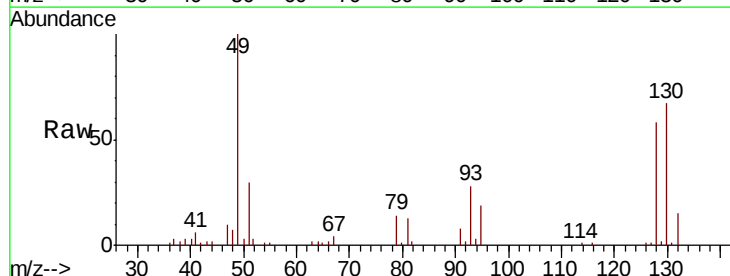
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 17.308 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	72.8	58.9	88.3

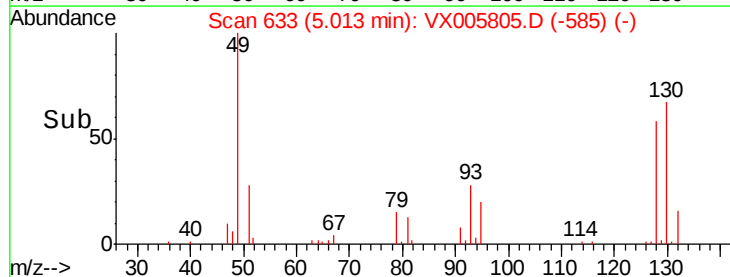
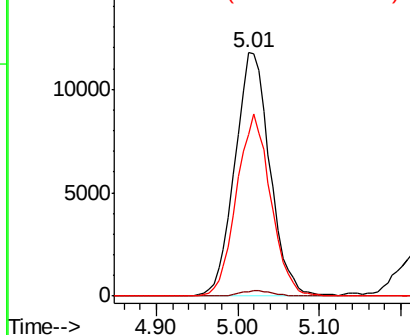


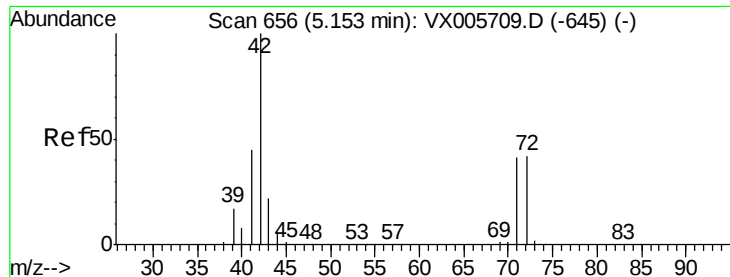
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





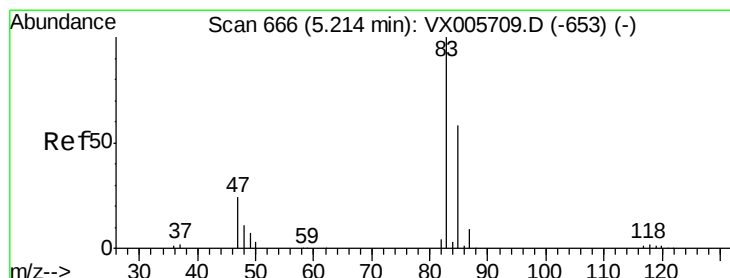
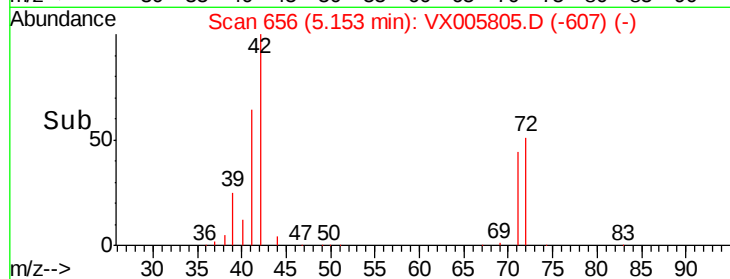
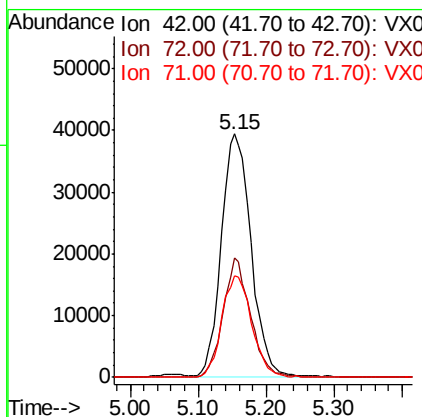
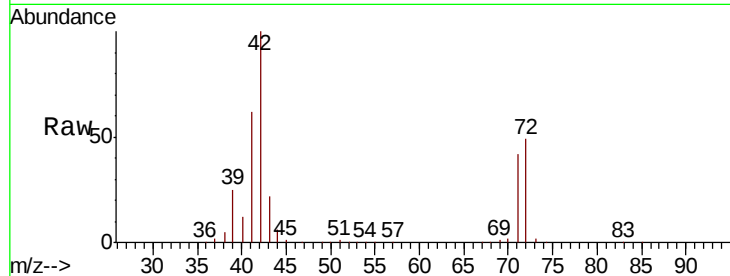
#29
Tetrahydrofuran
Concen: 88.782 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	32.0	48.0
71	41.9	29.8	44.8

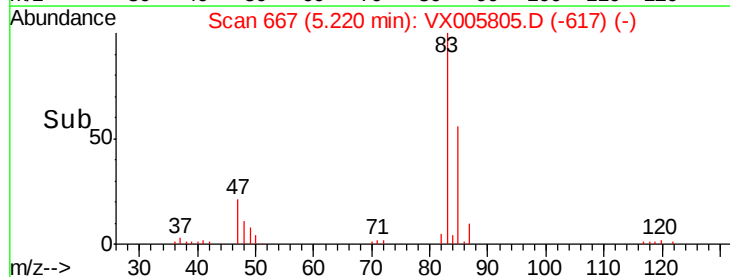
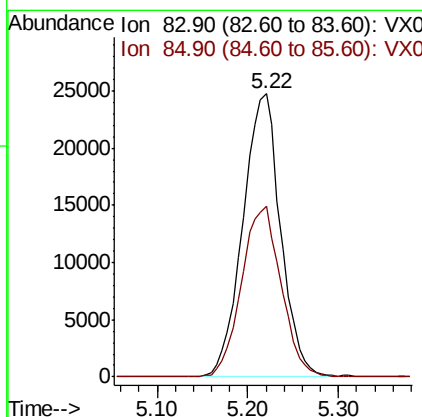
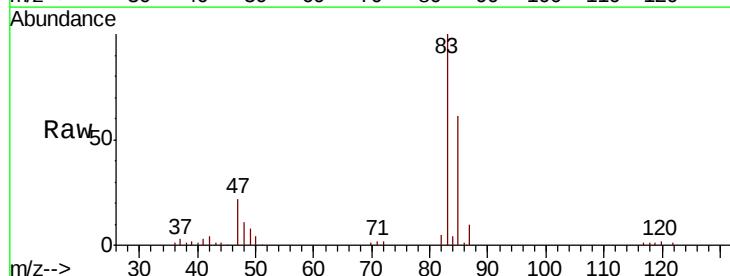
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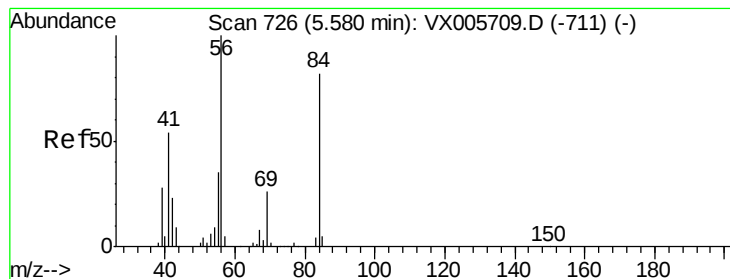
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#30
Chloroform
Concen: 17.557 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.6	76.0





#31

Cyclohexane

Concen: 17.715 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

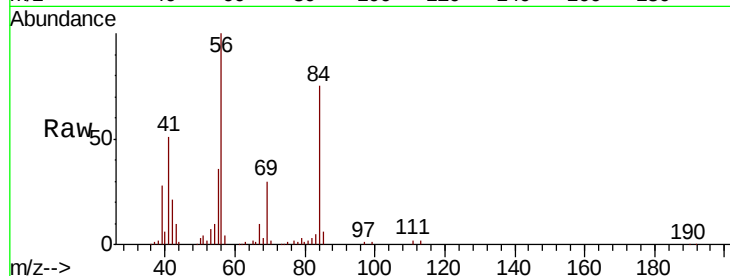
ClientSampleId :

VX1106WBSD01

Tot Ion:	56	Resp:	61632
Ion	Ratio	Lower	Upper
56	100		
69	30.2	22.6	34.0
84	73.6	62.7	94.1

Manual Integrations
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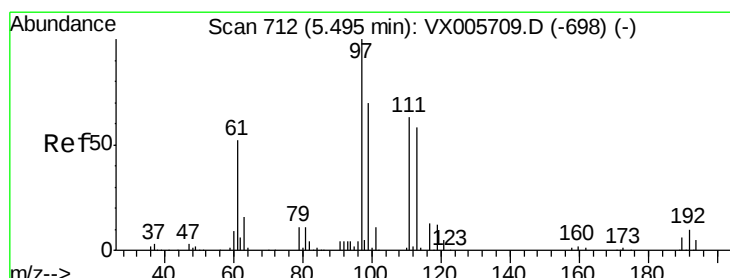
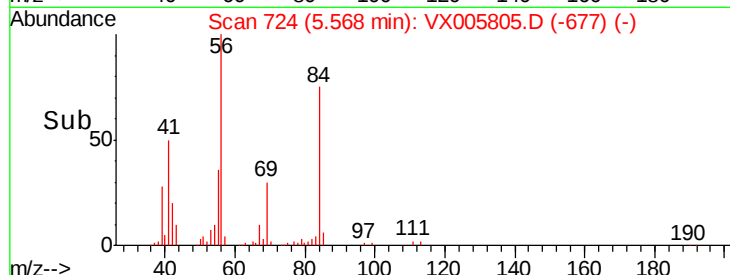
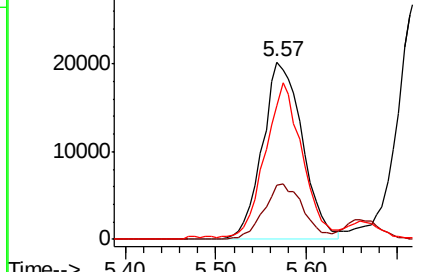
MMDadoda
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Abundance Ion 56.00 (55.70 to 56.70): VX005709.D (-711) (-)

Ion 69.00 (68.70 to 69.70): VX005709.D (-711) (-)

Ion 84.00 (83.70 to 84.70): VX005709.D (-711) (-)



#32

1,1,1-Trichloroethane

Concen: 18.488 ug/l

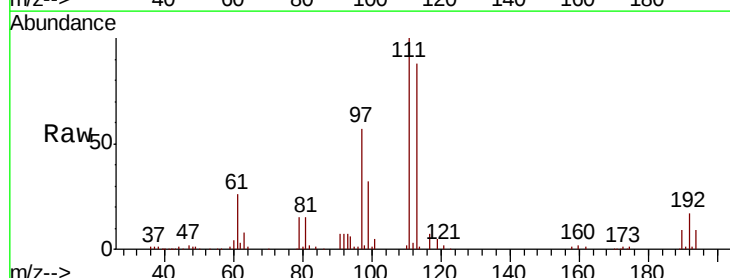
RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

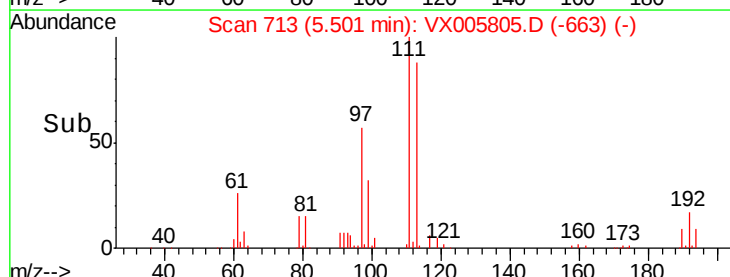
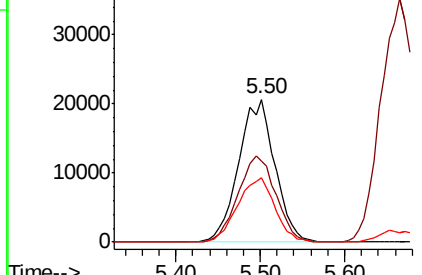
Tgt Ion:	97	Resp:	60186
Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.3	78.5
61	46.6	35.2	52.8

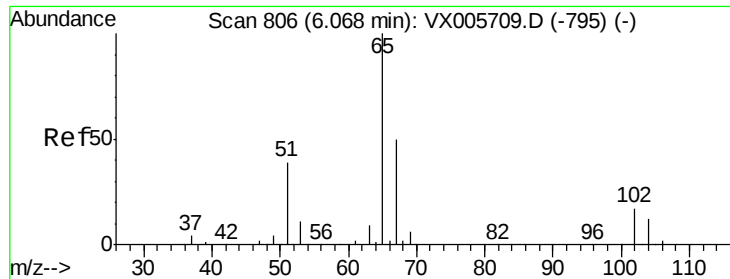


Abundance Ion 96.90 (96.60 to 97.60): VX005709.D (-698) (-)

Ion 98.90 (98.60 to 99.60): VX005709.D (-698) (-)

Ion 60.90 (60.60 to 61.60): VX005709.D (-698) (-)





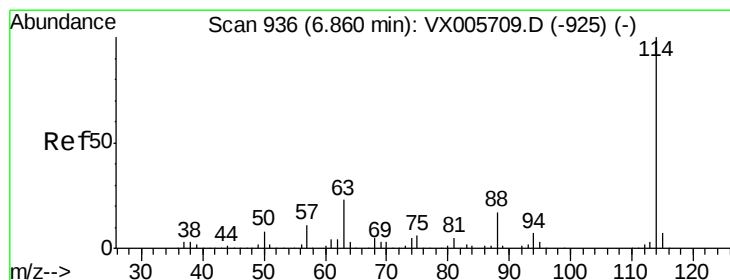
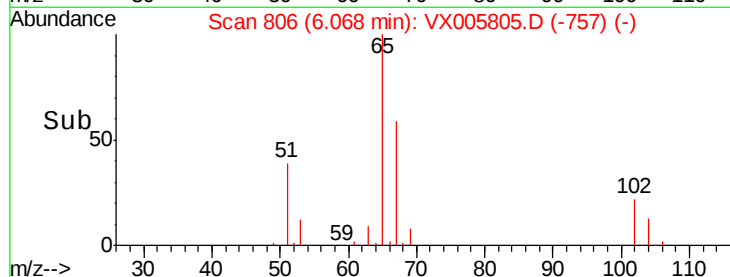
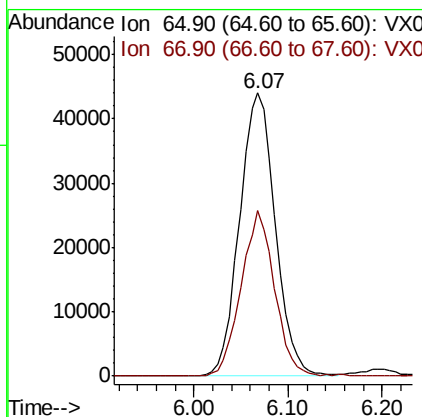
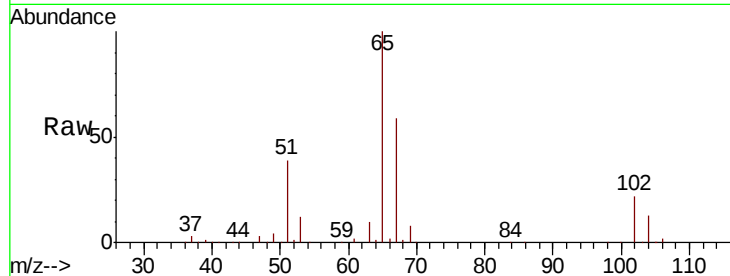
#33
 1,2-Dichloroethane-d4
 Concen: 44.895 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	116895		
67	54.7	0.0	105.0	

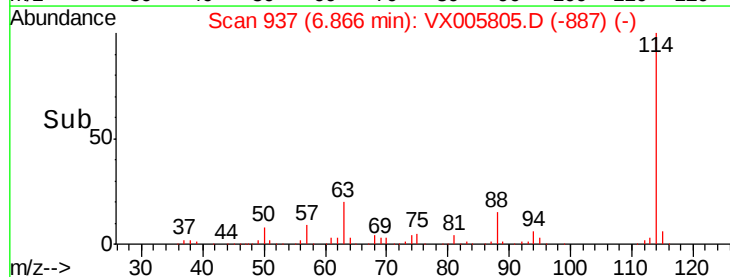
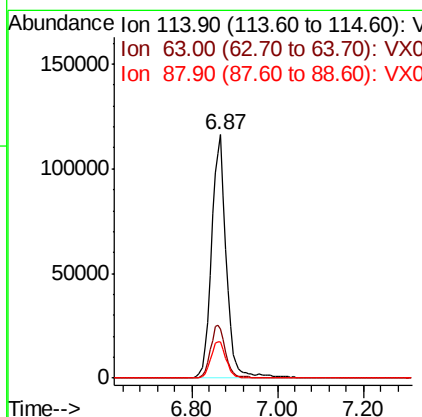
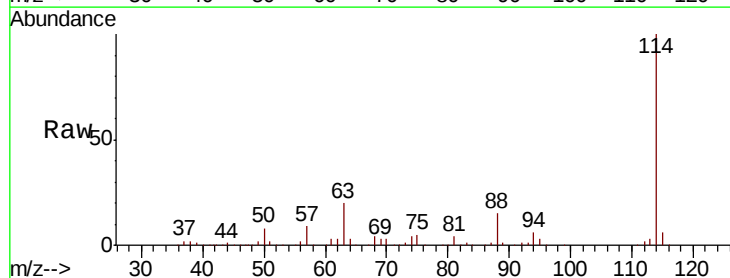
Manual Integrations
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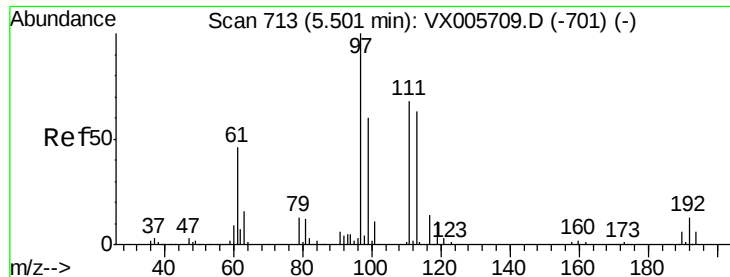
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	280749		
63	20.2	0.0	42.8	
88	14.8	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.031 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

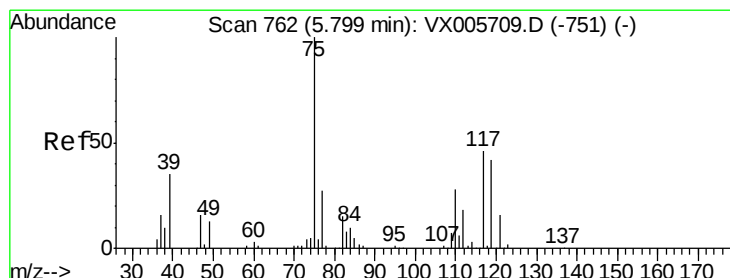
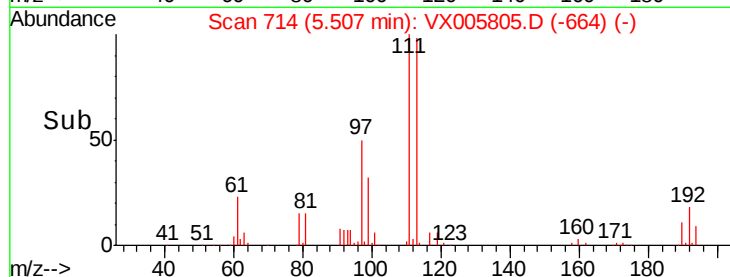
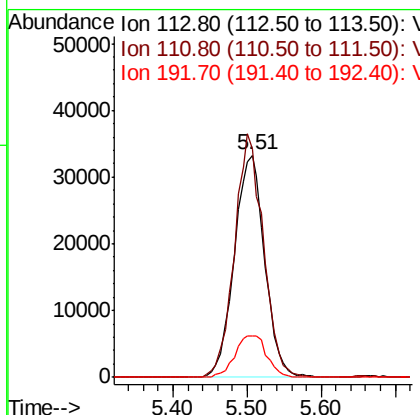
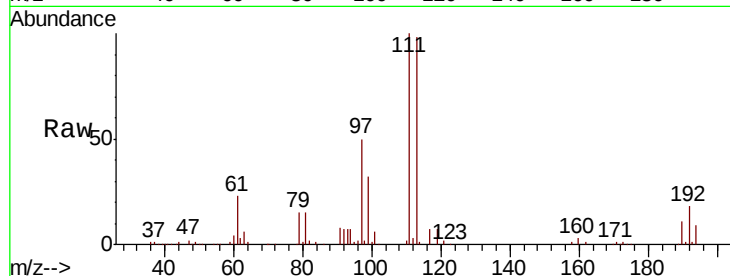
ClientSampleId :

VX1106WBSD01

Tot Ion:	113	Resp:	95312
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	19.8	17.9	26.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.398 ug/l

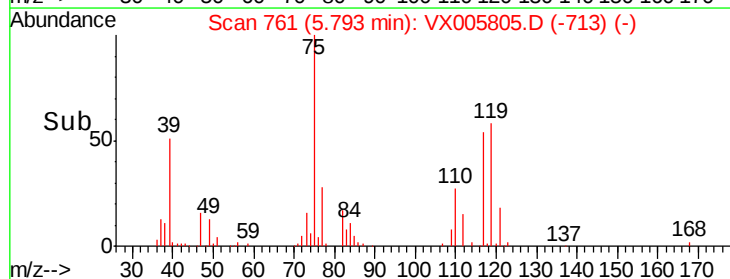
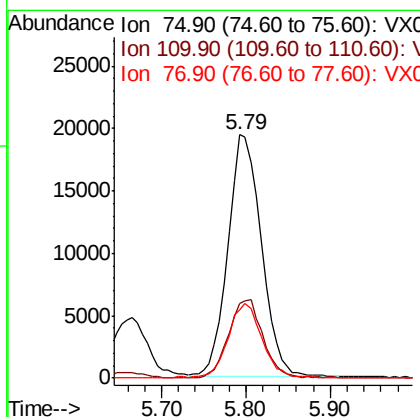
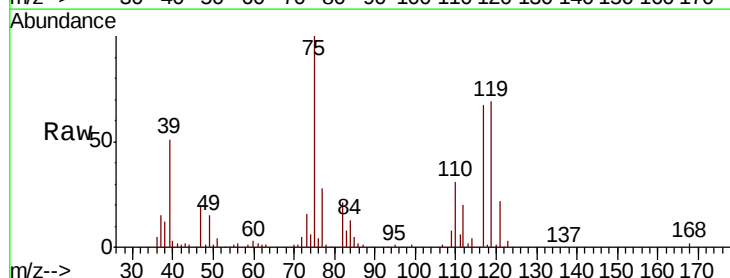
RT: 5.79 min Scan# 761

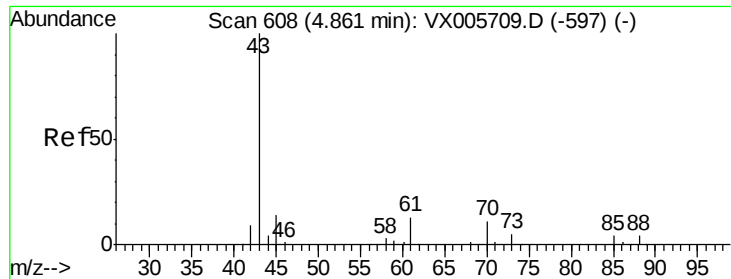
Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion:	75	Resp:	52040
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.4	52.2
77	31.3	25.8	38.6





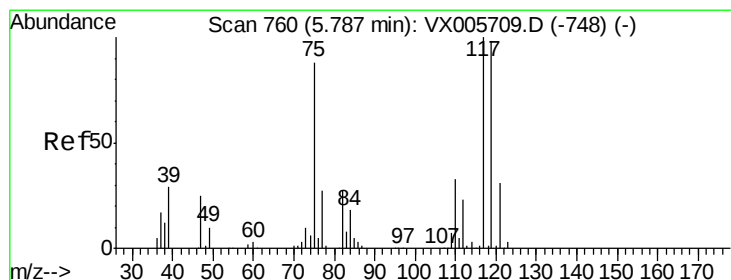
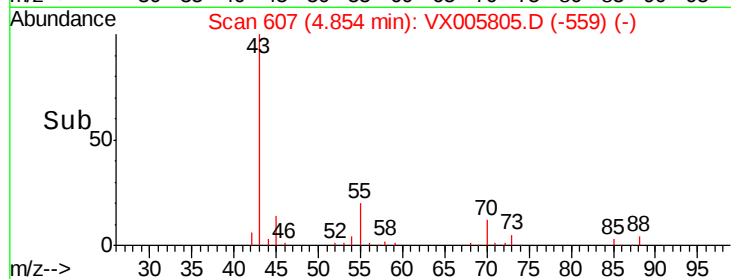
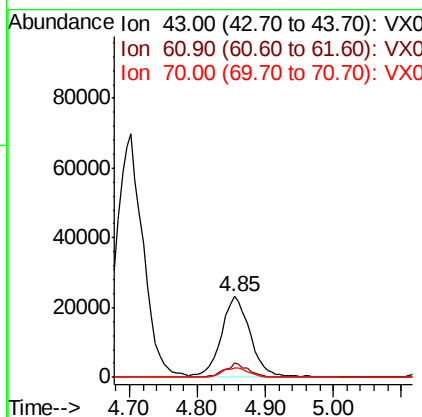
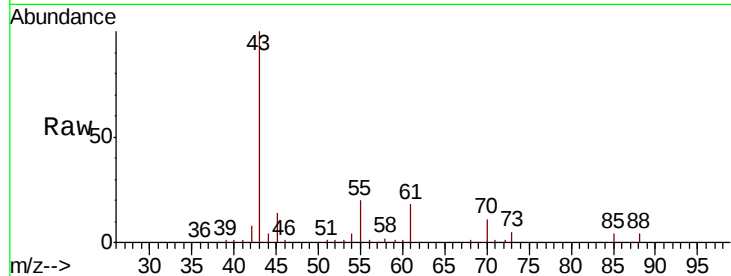
#37
Ethyl Acetate
Concen: 17.739 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.8	16.2
70	11.4	7.8	11.8

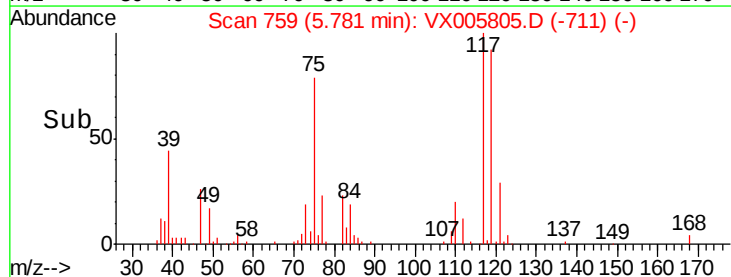
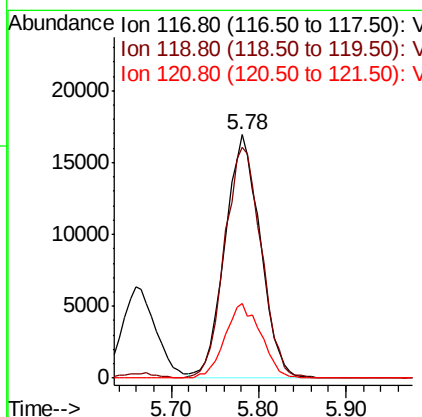
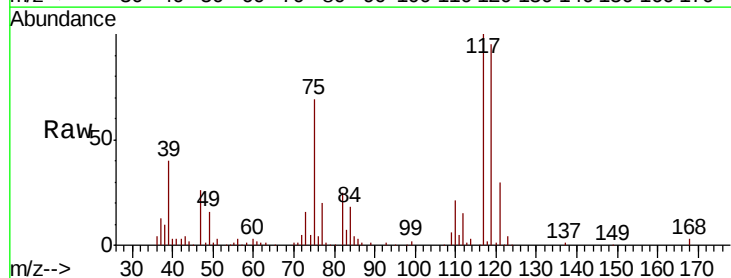
Manual Integrations
APPROVED

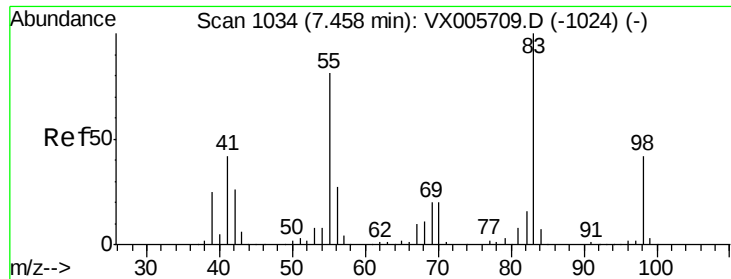
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#38
Carbon Tetrachloride
Concen: 17.635 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.1	117.1
121	30.4	24.6	36.8





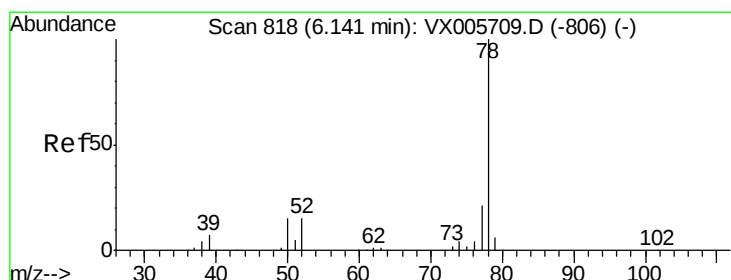
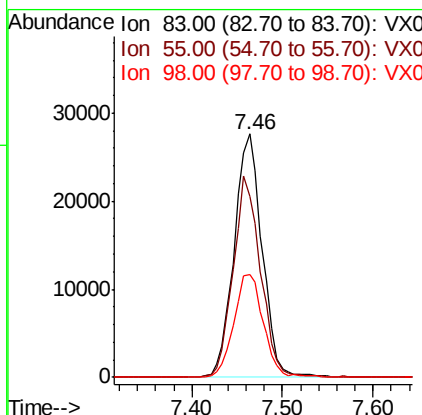
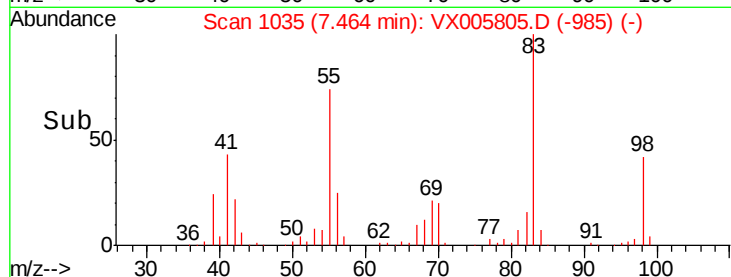
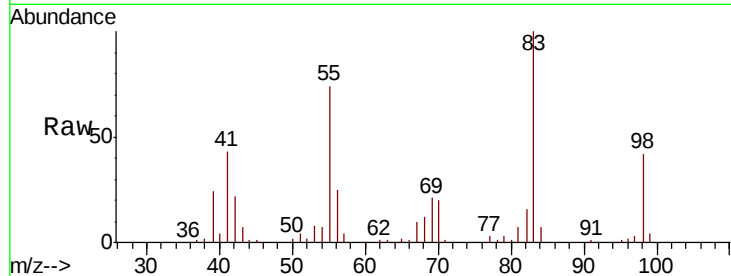
#39
Methylvlcyclohexane
Concen: 18.951 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	63.7	95.5
98	42.2	36.2	54.2

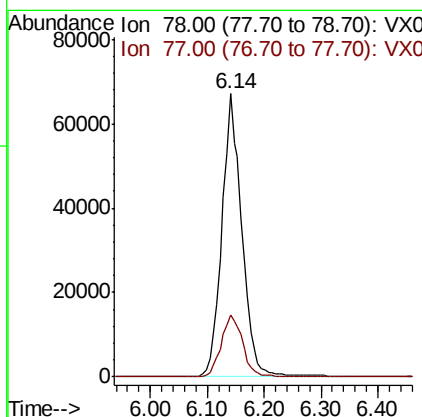
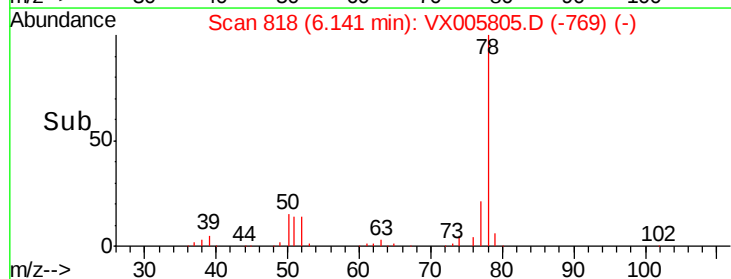
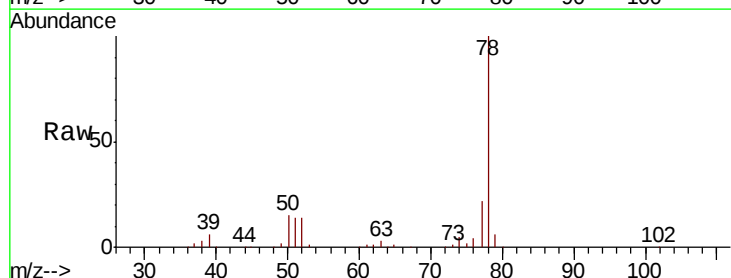
Manual Integrations
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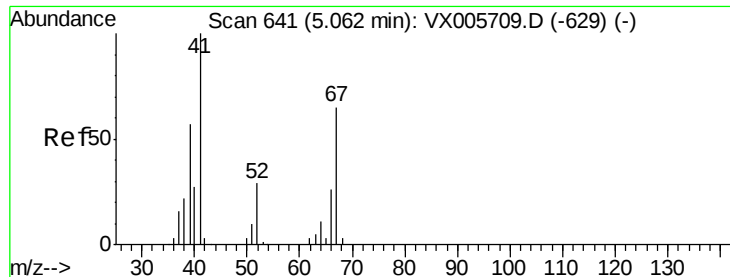
MMDadoda
11/7/2018 11:02:42 AM



#40
Benzene
Concen: 18.370 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.4	27.6





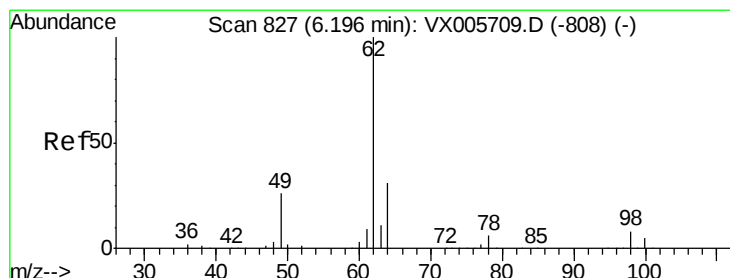
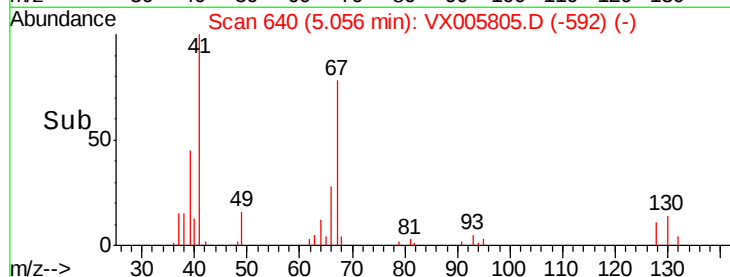
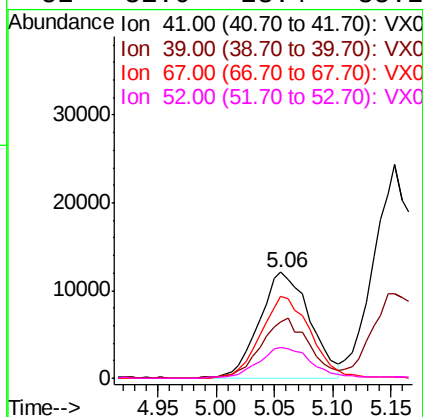
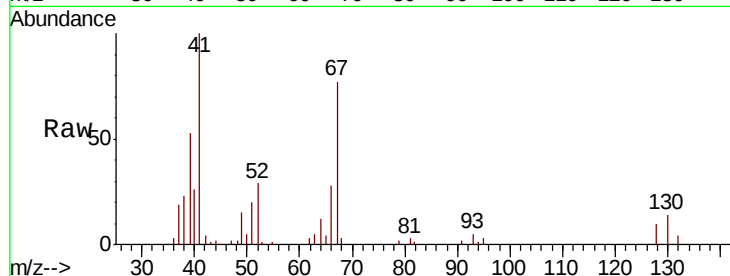
#41
Methacrylonitrile
Concen: 17.596 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
36282	41	100		
	39	54.5	42.2	63.2
	67	76.6	53.4	80.0
	52	31.0	23.4	35.2

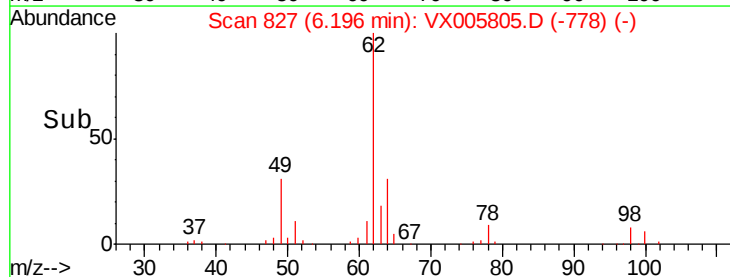
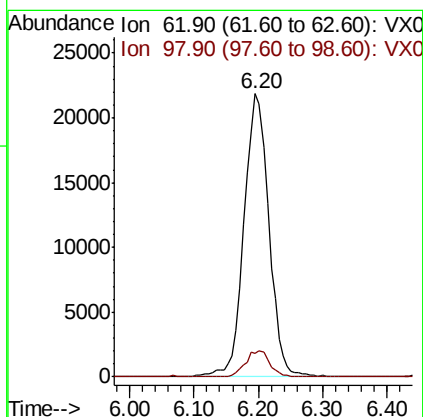
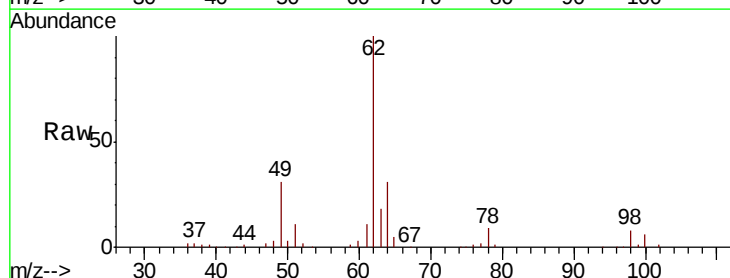
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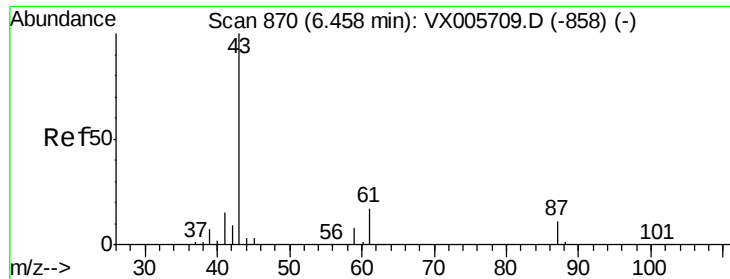
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.601 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
57893	62	100		
	98	9.0	0.0	17.8





#43

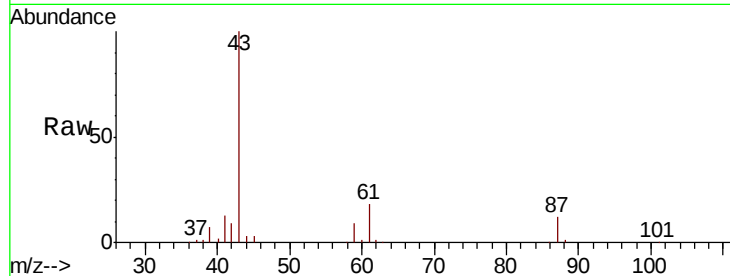
Isopropyl Acetate
 Concen: 18.890 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.6	22.0
87	12.4	9.6	14.4

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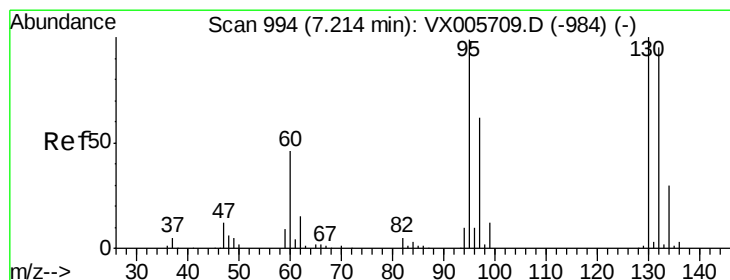
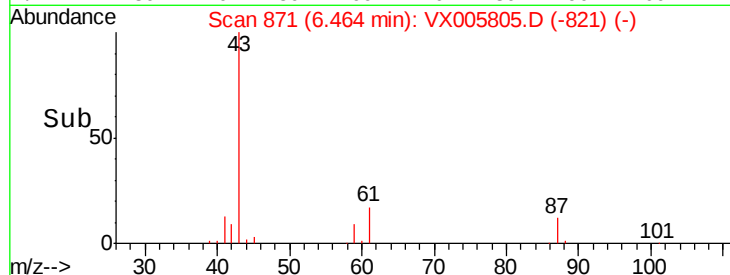
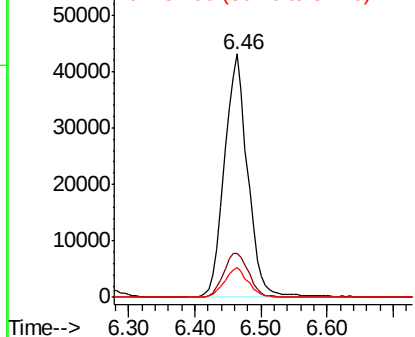


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

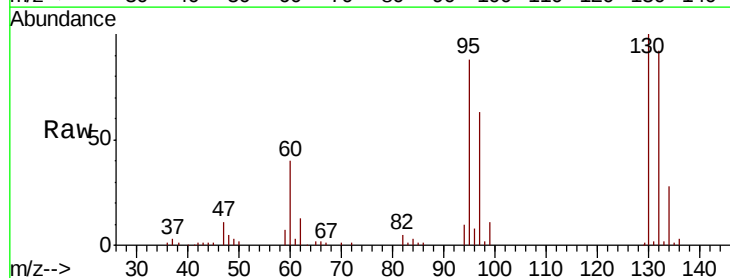
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene
 Concen: 19.066 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

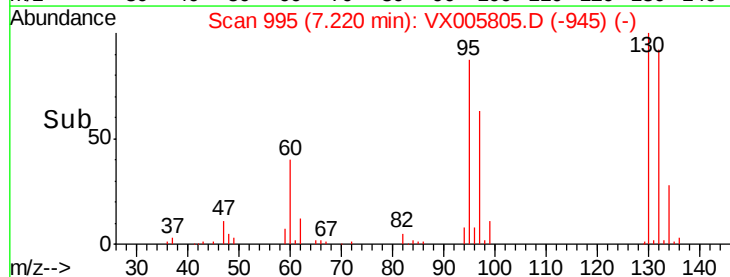
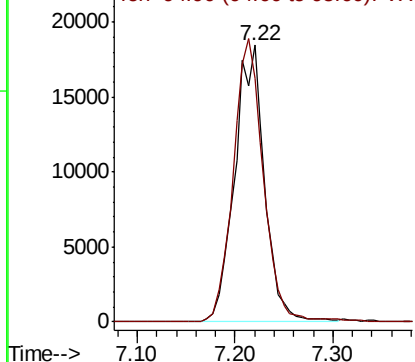
Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	194.2

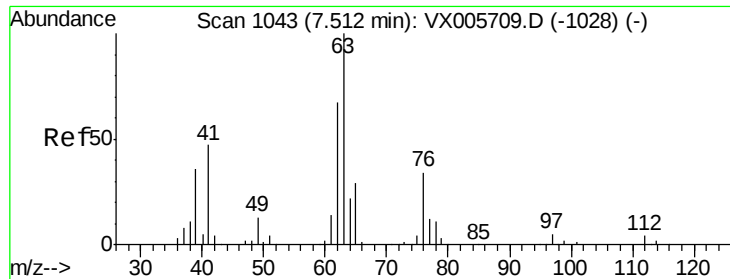


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.885 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 63 Resp: 43066

Ion Ratio Lower Upper

63 100

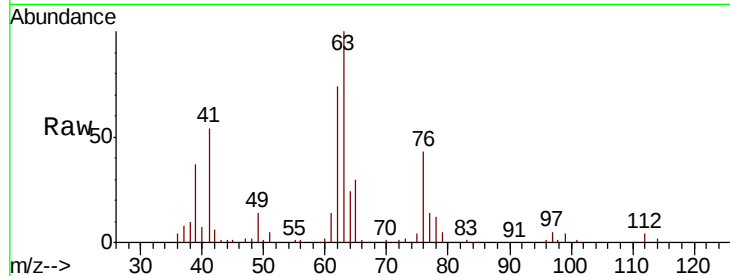
65 30.2 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VX005709.D (-1028) (-)

Ion 64.90 (64.60 to 65.60): VX005709.D (-1028) (-)

7.52

25000

20000

15000

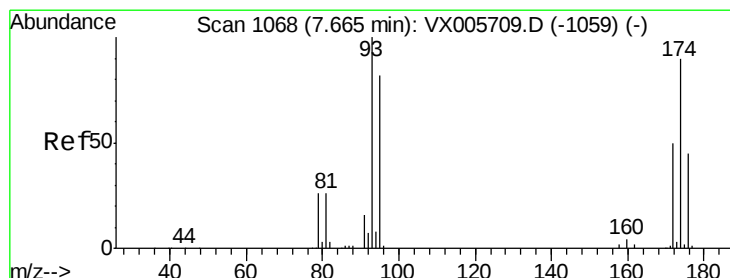
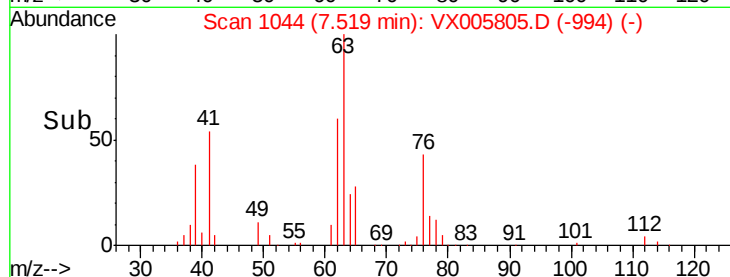
10000

5000

0

7.45 7.50 7.55 7.60 7.65

Time-->



#46

Dibromomethane

Concen: 18.128 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

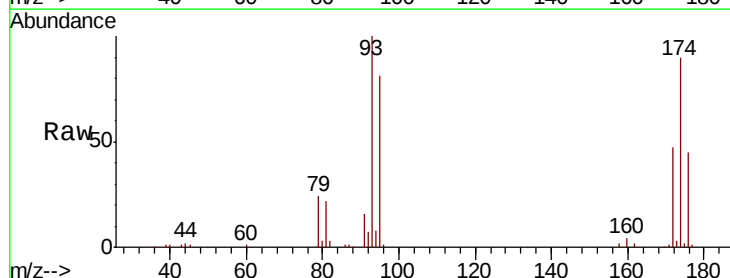
Tgt Ion: 93 Resp: 26419

Ion Ratio Lower Upper

93 100

95 81.9 67.4 101.0

174 101.0 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX005709.D (-1059) (-)

Ion 94.80 (94.50 to 95.50): VX005709.D (-1059) (-)

Ion 173.70 (173.40 to 174.40): VX005709.D (-1059) (-)

7.66

15000

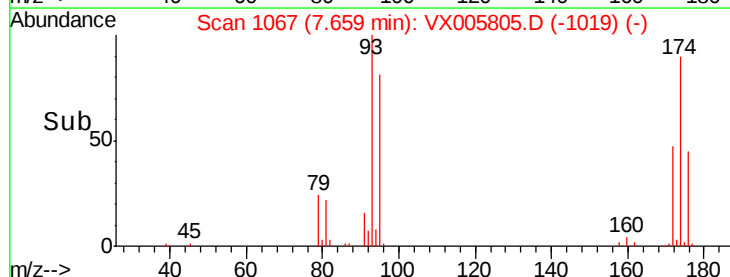
10000

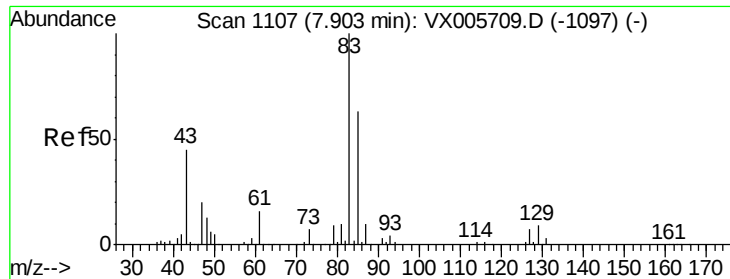
5000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 17.759 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

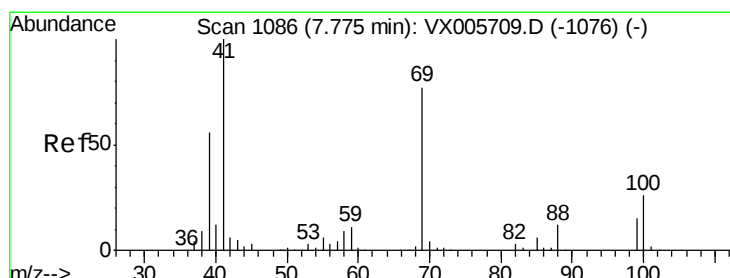
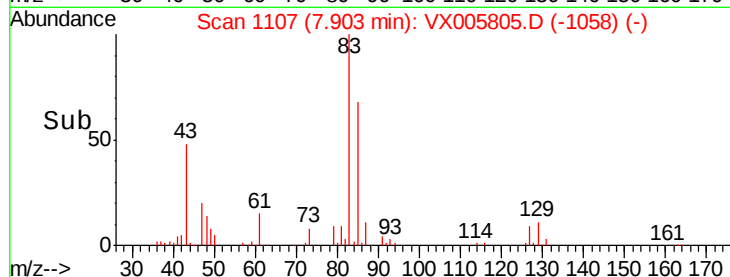
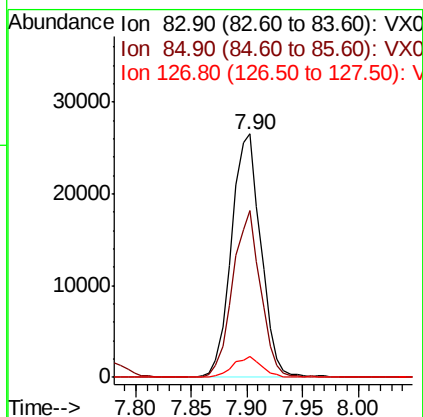
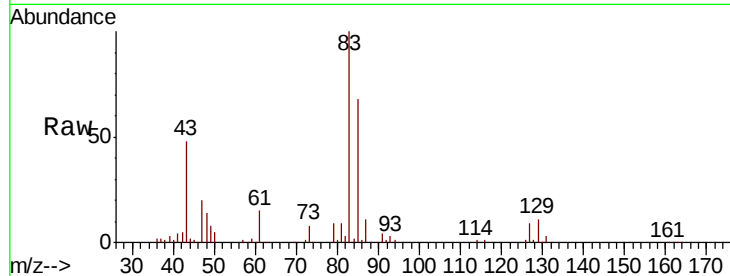
ClientSampled :

VX1106WBSD01

Tot Ion:	83	Resp:	48546
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.2	75.4
127	8.8	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.615 ug/l

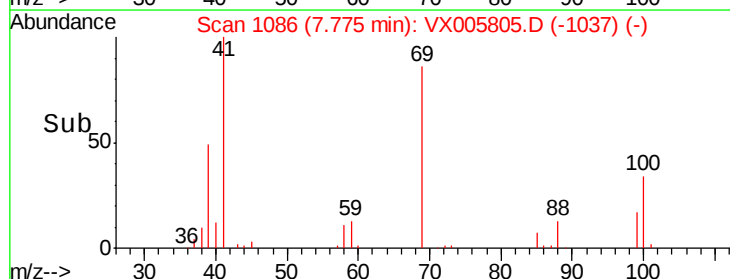
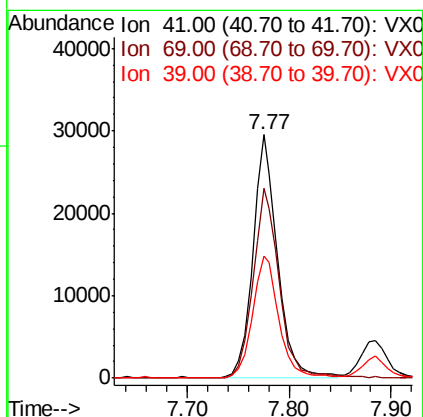
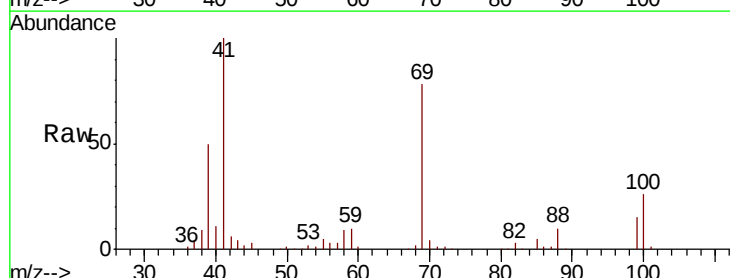
RT: 7.77 min Scan# 1086

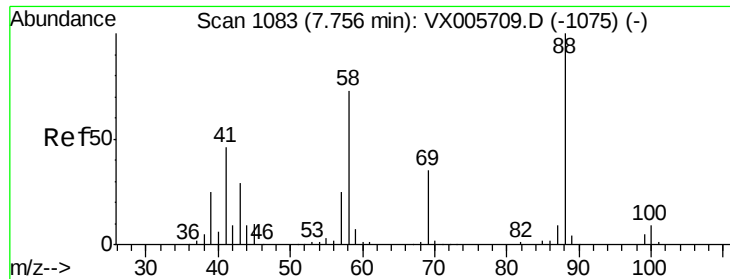
Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion:	41	Resp:	49901
Ion	Ratio	Lower	Upper
41	100		
69	82.6	63.2	94.8
39	52.8	42.2	63.2





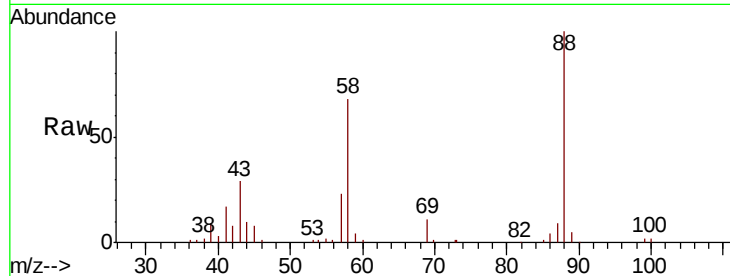
#49
1,4-Dioxane
Concen: 364.879 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.4	41.0
58	73.6	59.4	89.2

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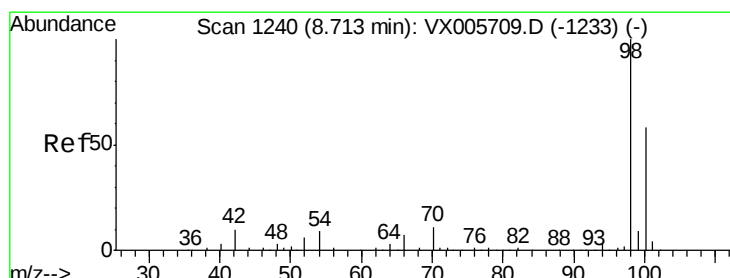
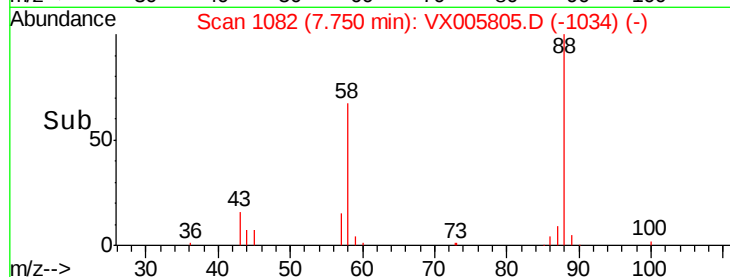
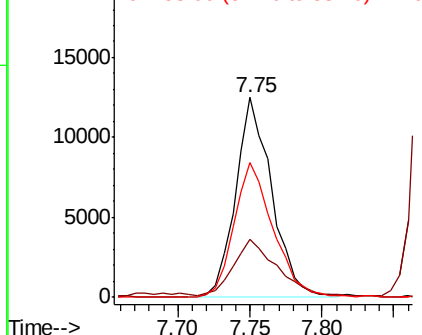


Abundance

Ion 88.00 (87.70 to 88.70): VX0

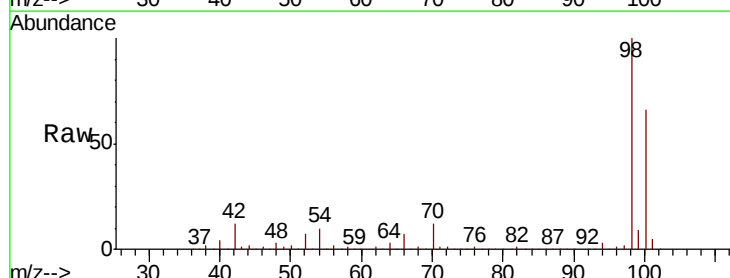
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.345 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

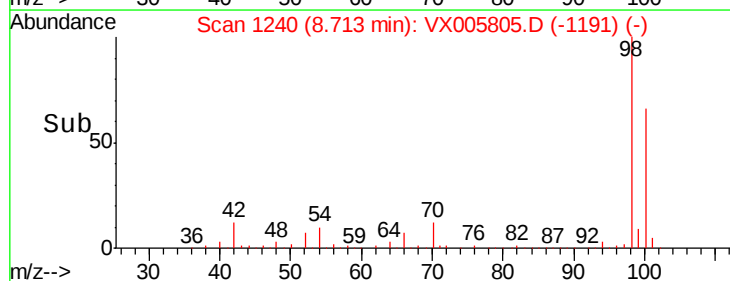
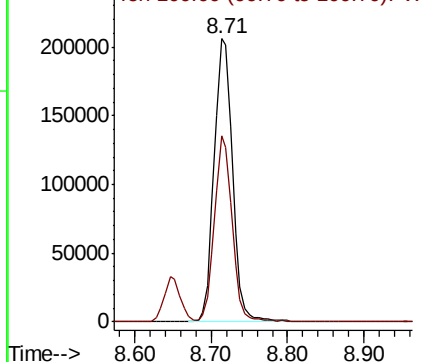
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9

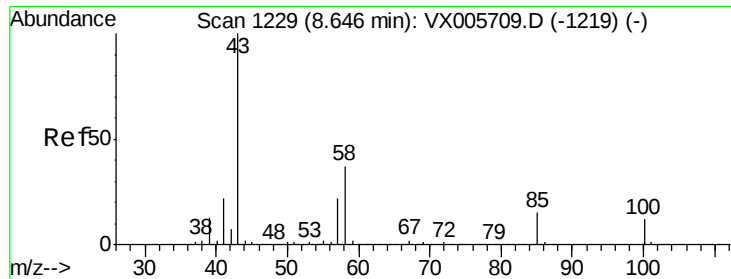


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 94.250 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 43 Resp: 355950

Ion Ratio Lower Upper

43 100

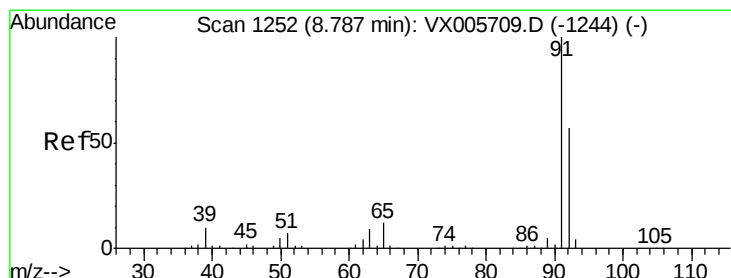
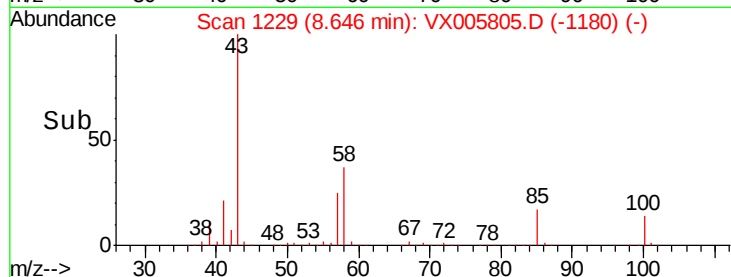
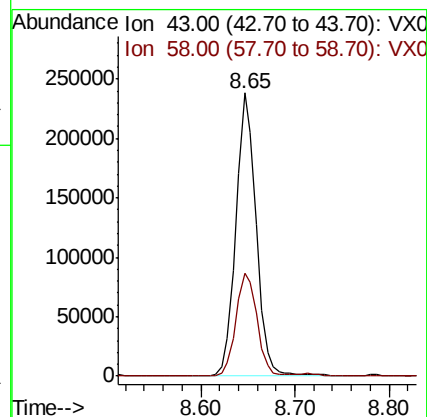
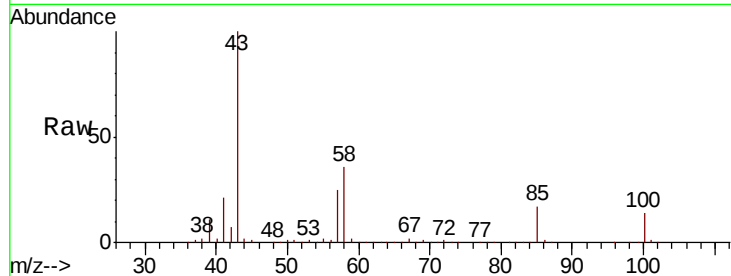
58 37.9 29.7 44.5

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#52

Toluene

Concen: 20.224 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005805.D

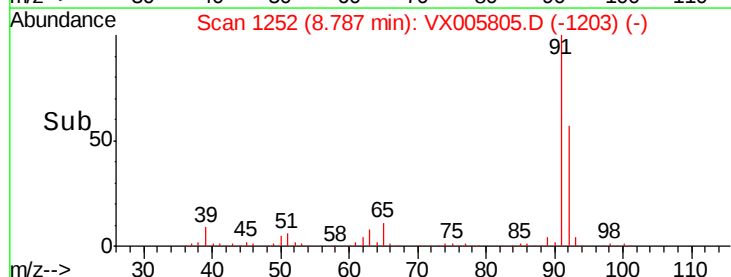
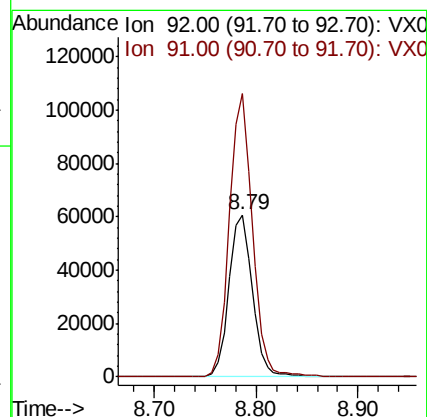
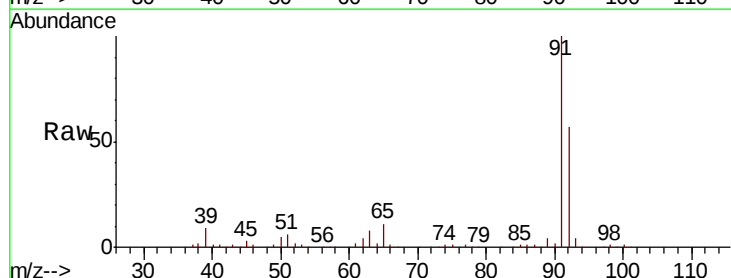
Acq: 06 Nov 2018 13:31

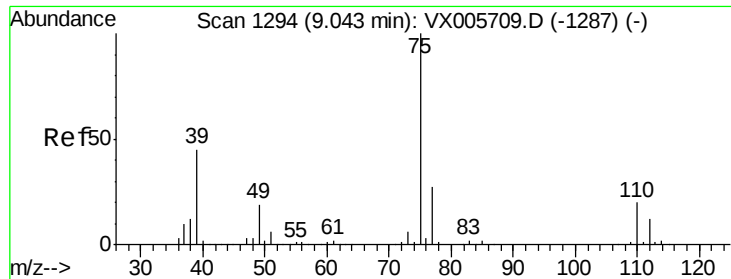
Tgt Ion: 92 Resp: 97344

Ion Ratio Lower Upper

92 100

91 171.1 140.4 210.6





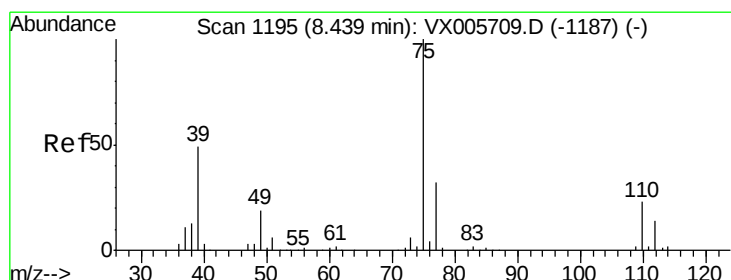
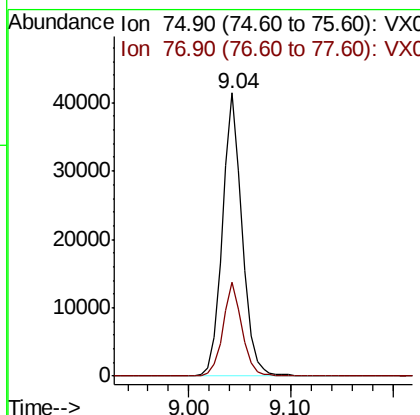
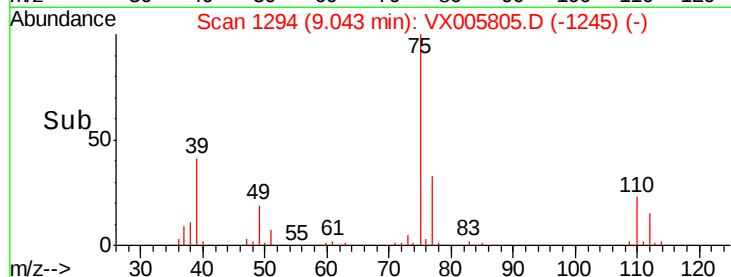
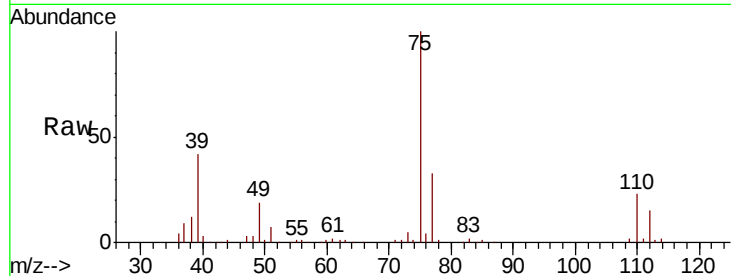
#53
t-1,3-Dichloropropene
Concen: 18.769 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 75 Resp: 55605
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

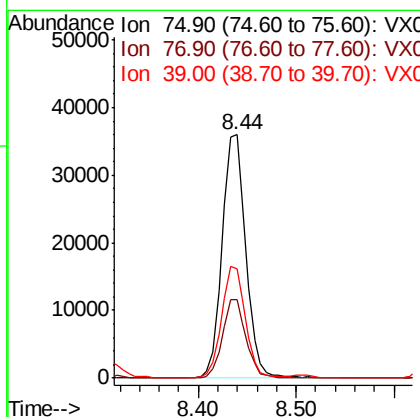
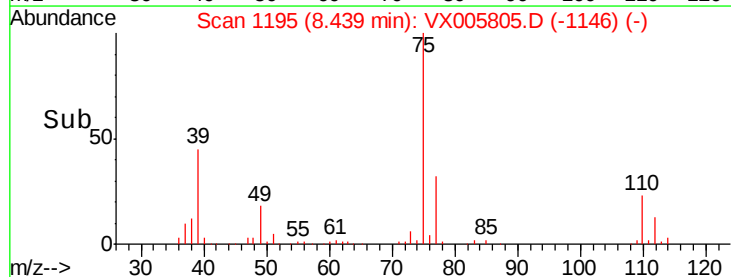
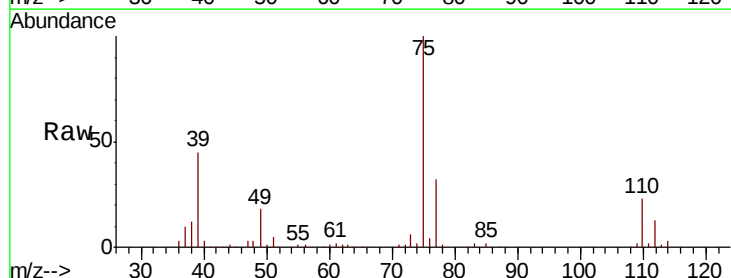
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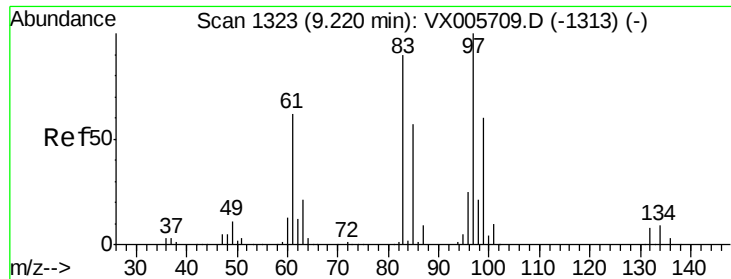
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#54
cis-1,3-Dichloropropene
Concen: 19.044 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 75 Resp: 60447
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 44.7 38.2 57.2





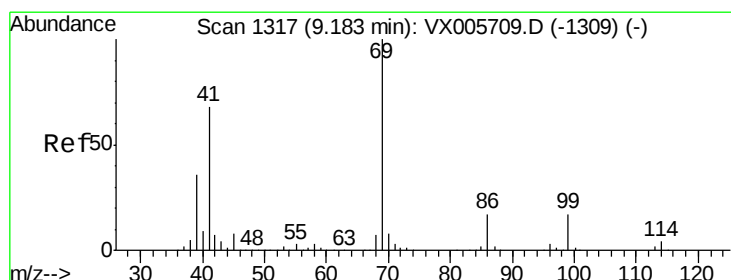
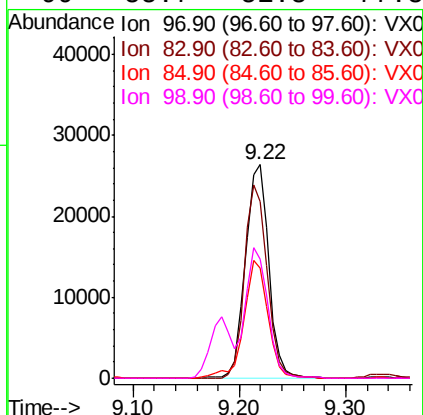
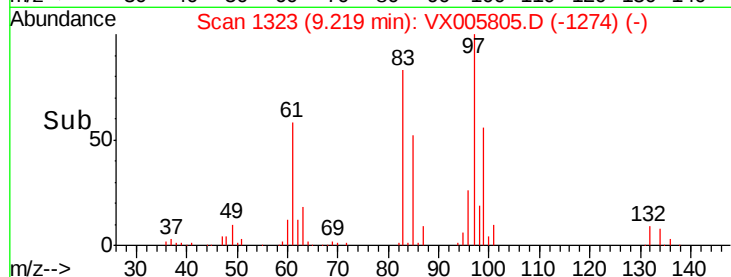
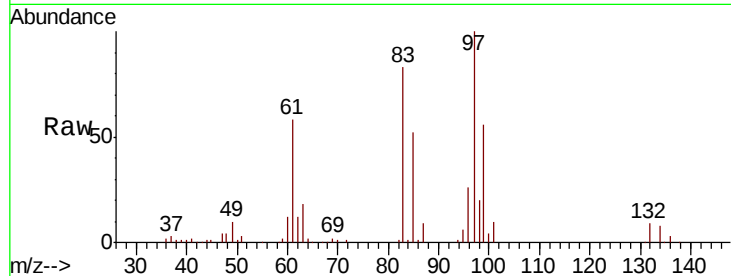
#55
 1,1,2-Trichloroethane
 Concen: 19.569 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		40906		
83	82.6	70.7	106.1		
85	51.7	45.8	68.6		
99	55.7	51.8	77.8		

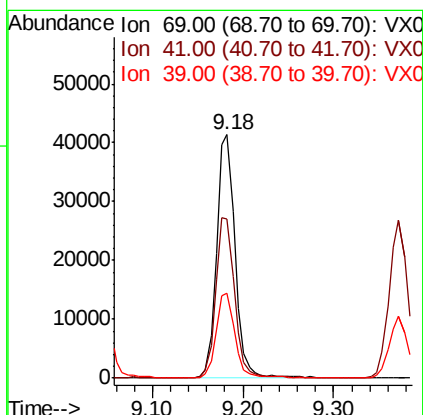
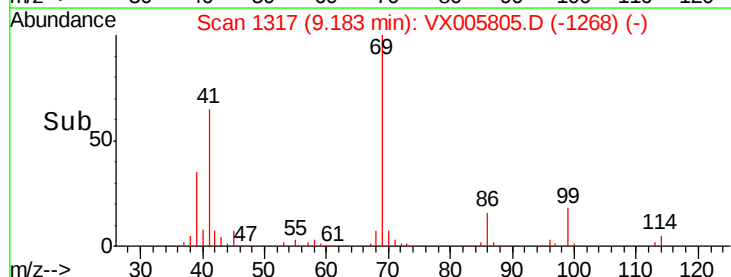
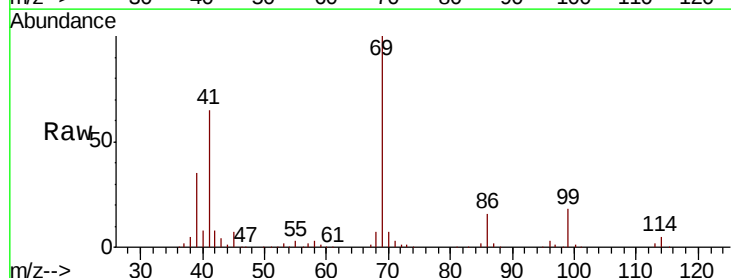
Manual Integrations
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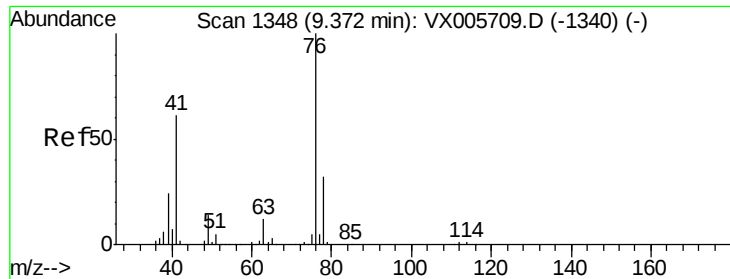
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#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		59122		
41	67.4	57.0	85.6		
39	35.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 17.969 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion: 76 Resp: 64519

Ion Ratio Lower Upper

76 100

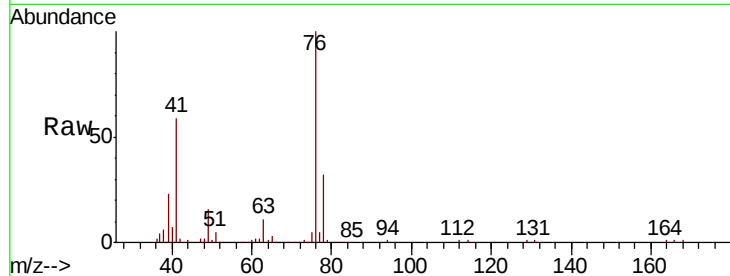
78 31.6 25.3 37.9

Manual Integrations

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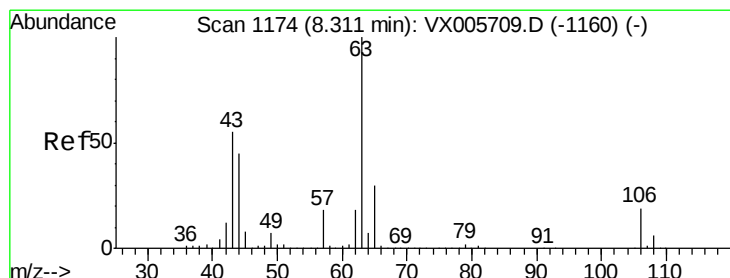
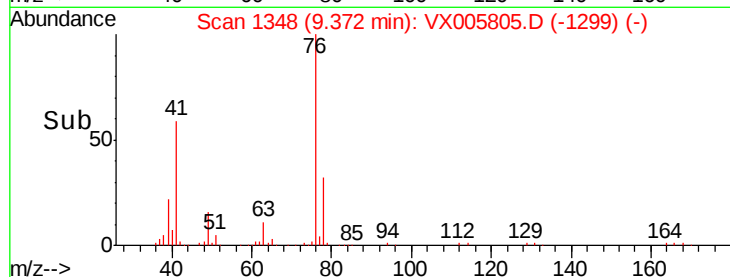
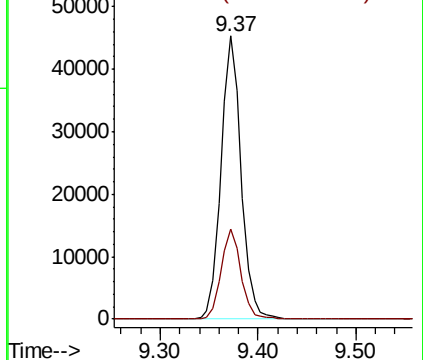
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 90.971 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005805.D

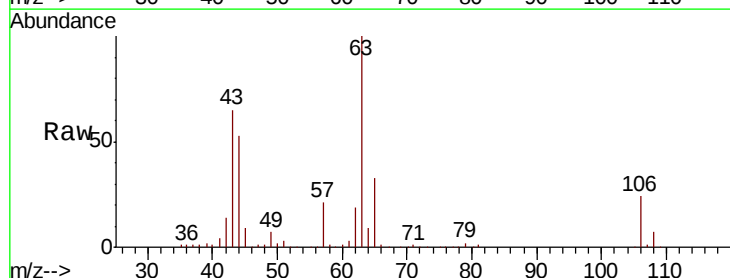
Acq: 06 Nov 2018 13:31

Tgt Ion: 63 Resp: 169509

Ion Ratio Lower Upper

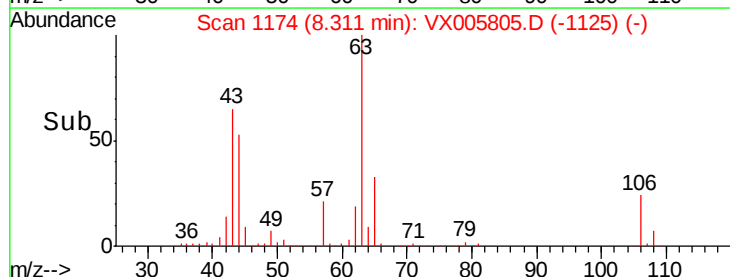
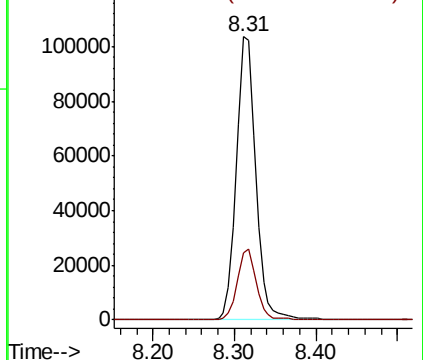
63 100

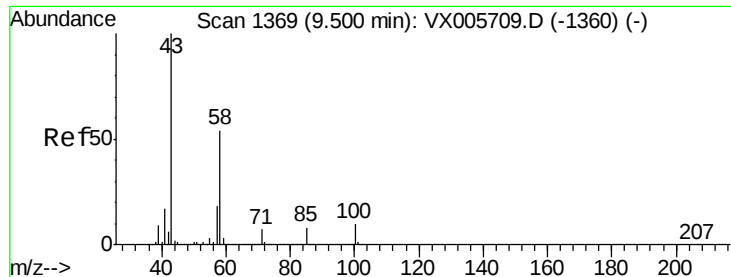
106 24.7 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





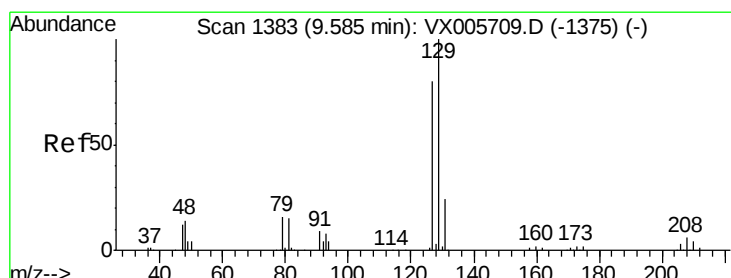
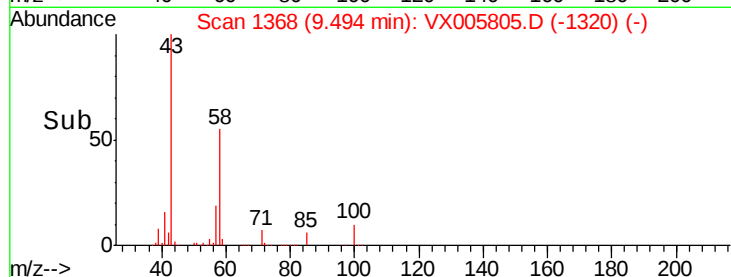
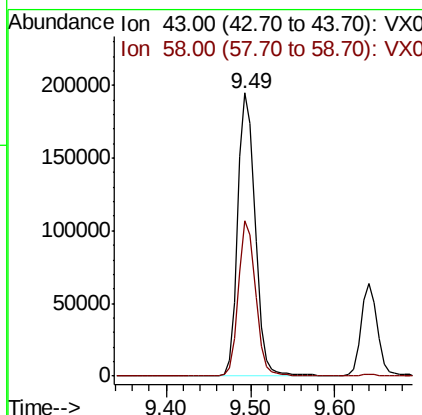
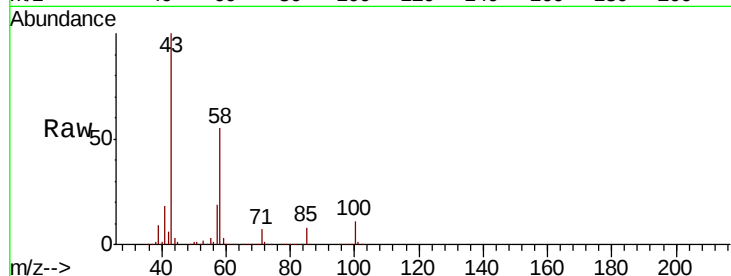
#59
2-Hexanone
Concen: 87.973 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 43 Resp: 270382
Ion Ratio Lower Upper
43 100
58 54.1 25.9 77.8

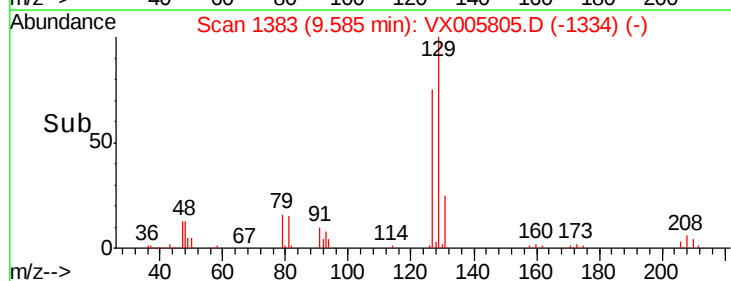
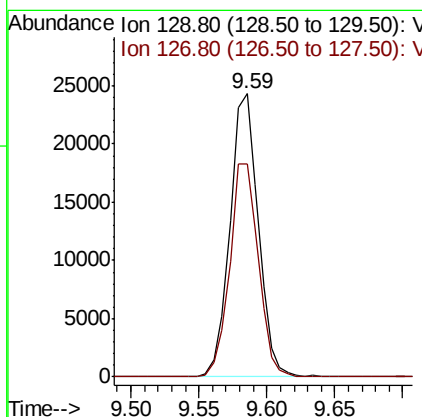
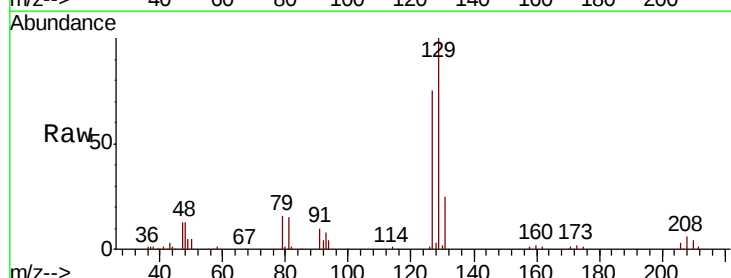
Manual Integrations
APPROVED

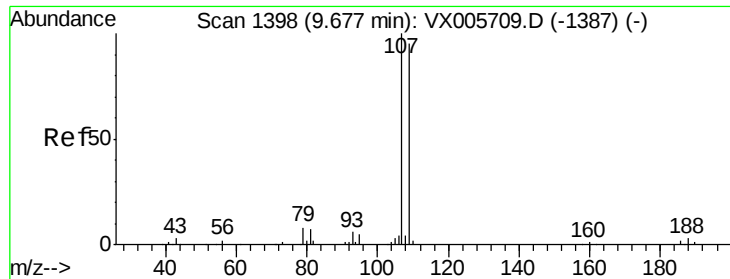
MMDadoda
11/7/2018 11:02:42 AM



#60
Dibromochloromethane
Concen: 17.455 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 129 Resp: 35258
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.398 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion:107 Resp: 39187

Ion Ratio Lower Upper

107 100

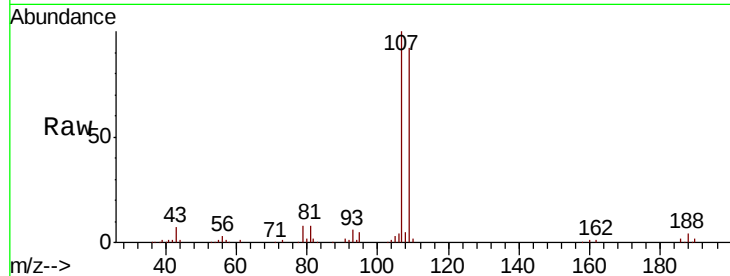
109 94.0 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

11/7/2018 11:02:42 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

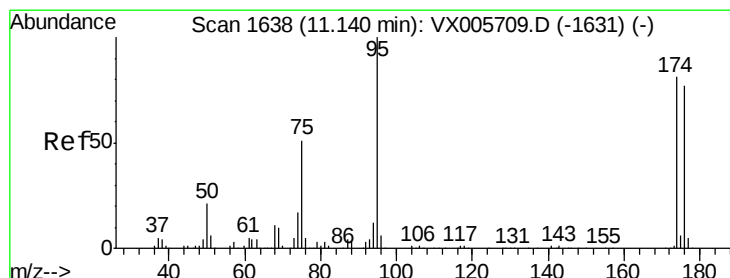
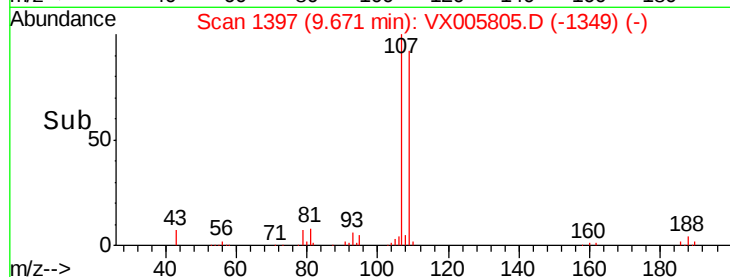
10000

5000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.194 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

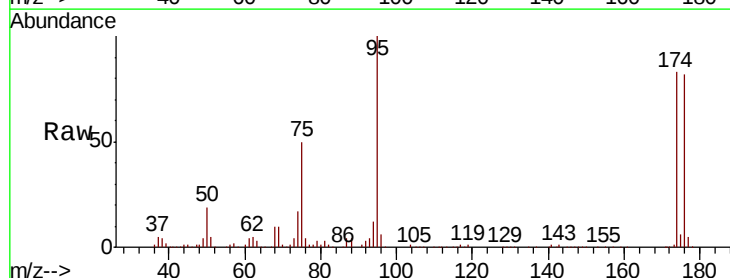
Tgt Ion: 95 Resp: 121272

Ion Ratio Lower Upper

95 100

174 79.8 0.0 184.4

176 77.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

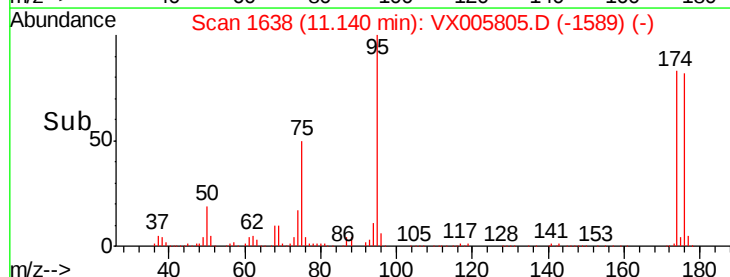
40000

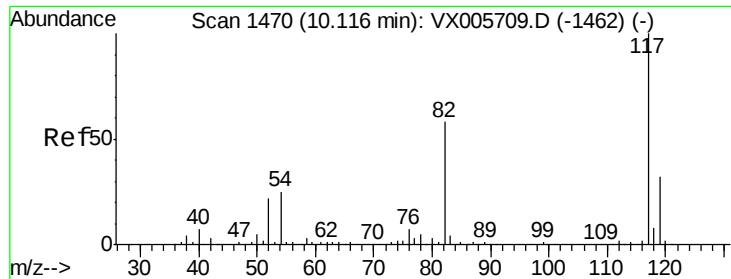
20000

0

Time-->

11.10 11.20





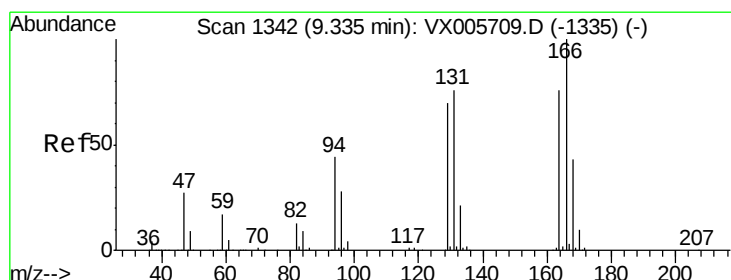
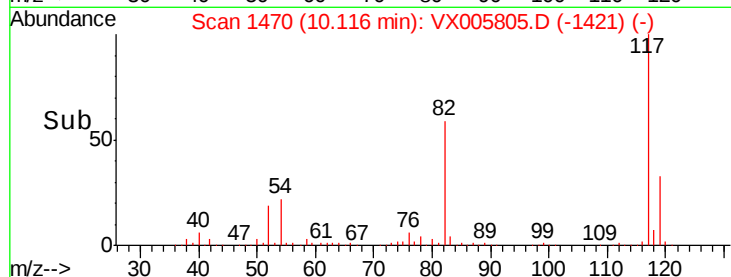
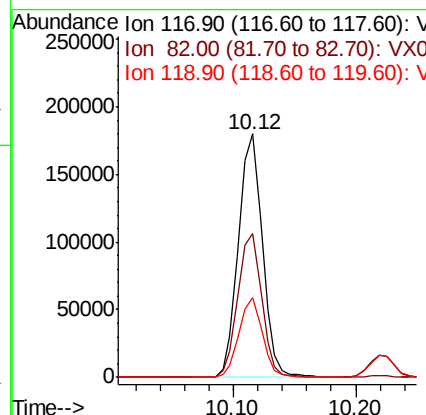
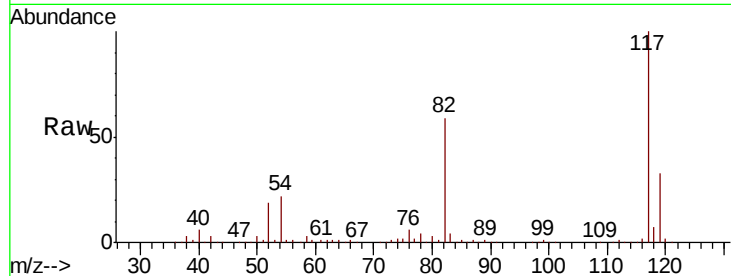
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.1	66.1
119	32.9	26.2	39.2

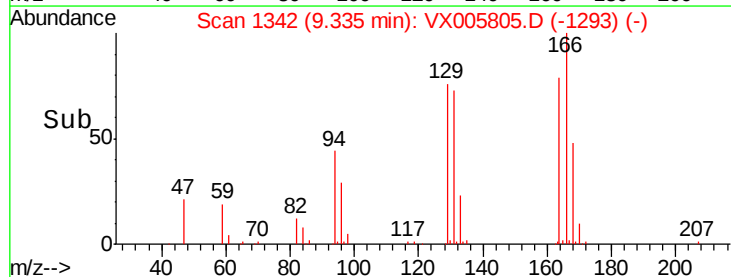
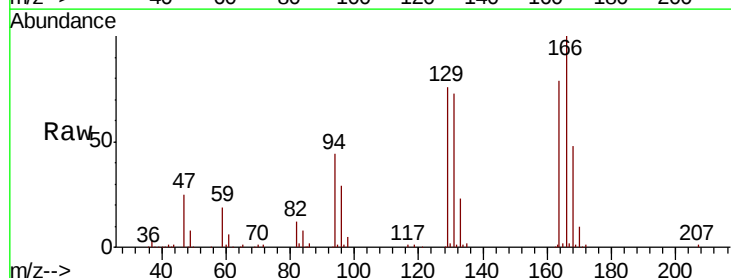
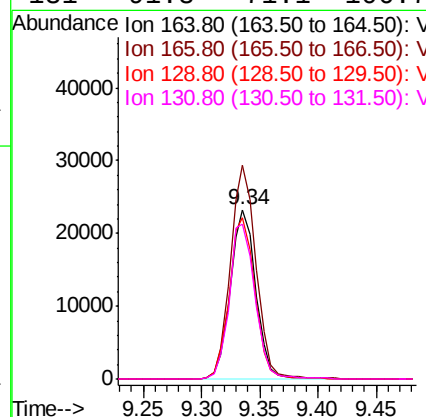
Manual Integrations
APPROVED

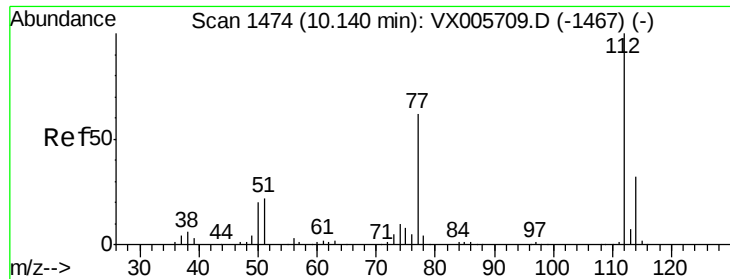
MMDadoda
11/7/2018 11:02:42 AM



#64
Tetrachloroethene
Concen: 19.821 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.9	152.9
129	95.5	72.6	109.0
131	91.8	71.1	106.7





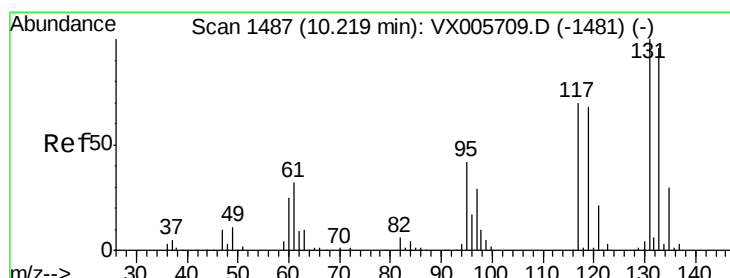
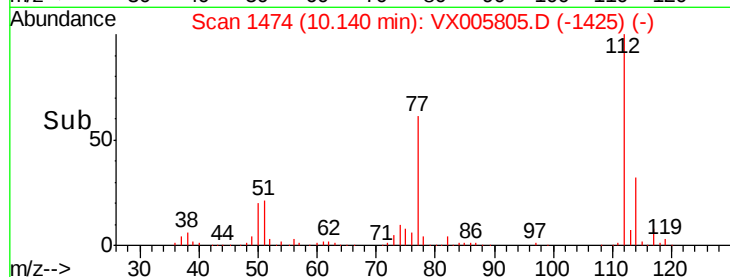
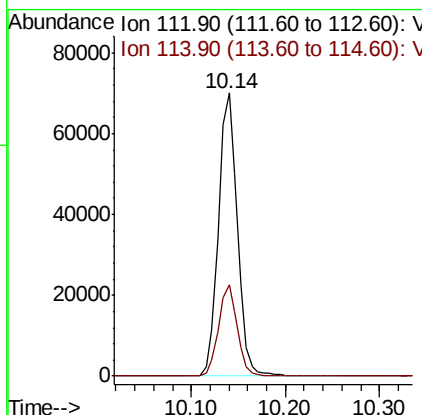
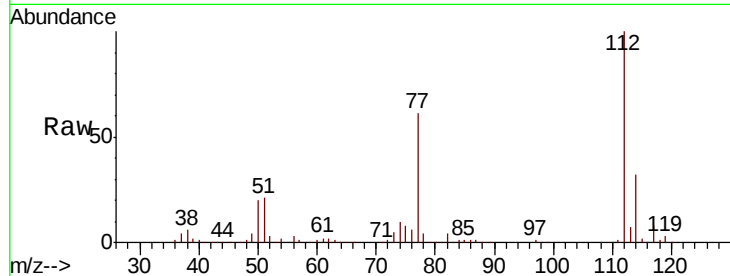
#65
Chlorobenzene
Concen: 18.815 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion:112 Resp: 97553
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

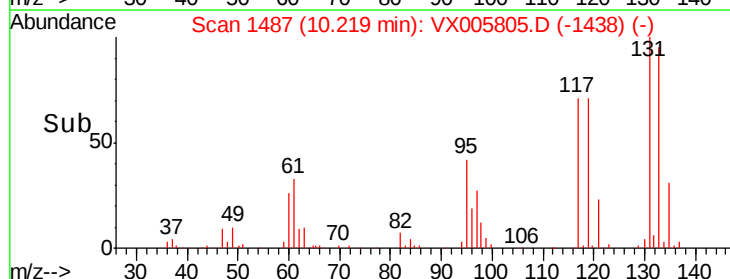
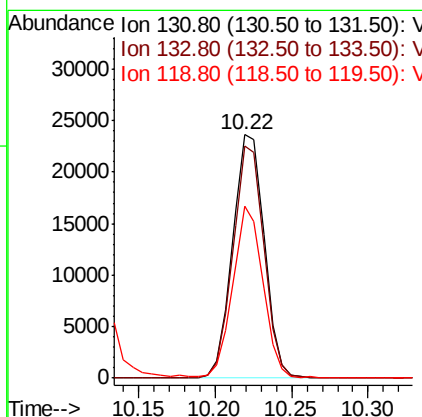
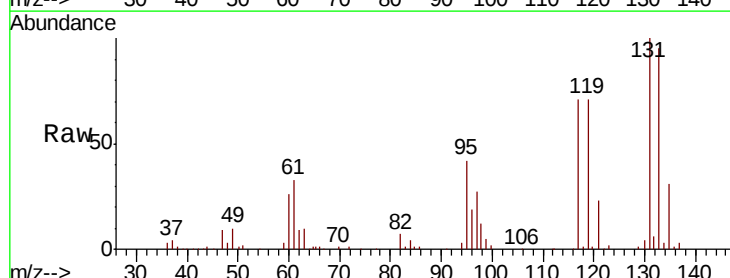
Manual Integrations
APPROVED

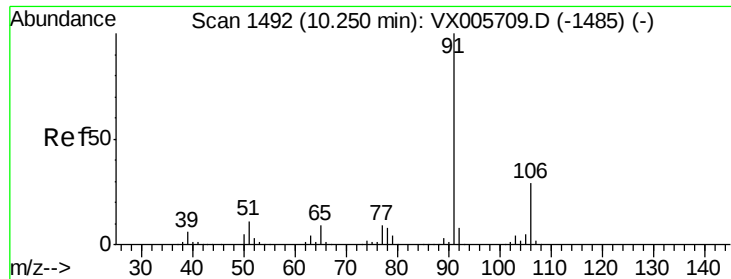
MMDadoda
11/7/2018 11:02:42 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion:131 Resp: 33933
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.5
119 67.4 31.8 95.3





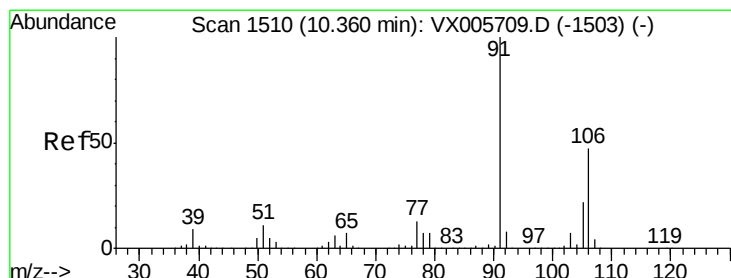
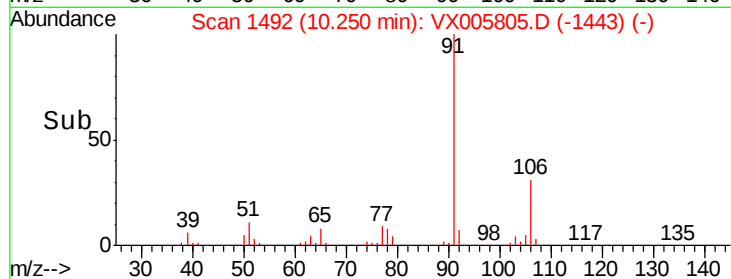
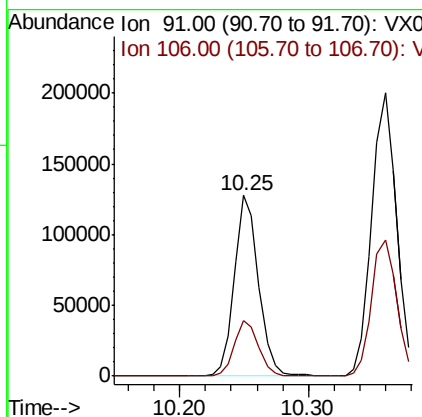
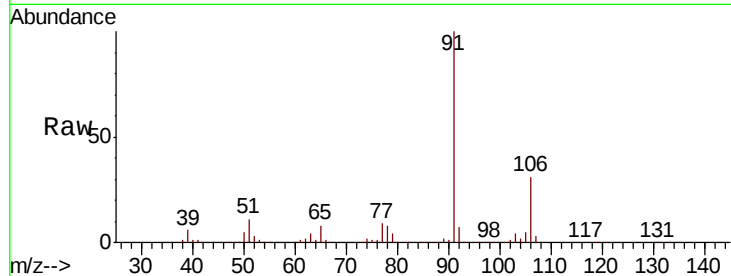
#67
Ethyl Benzene
Concen: 18.986 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 91 Resp: 167999
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

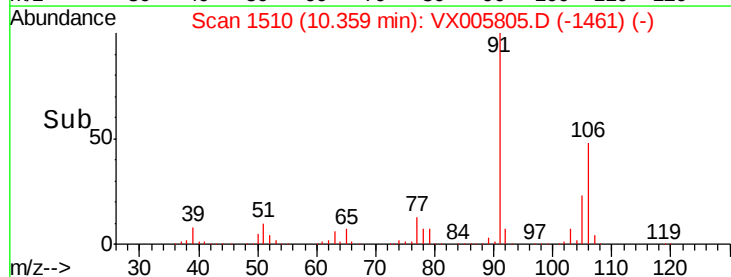
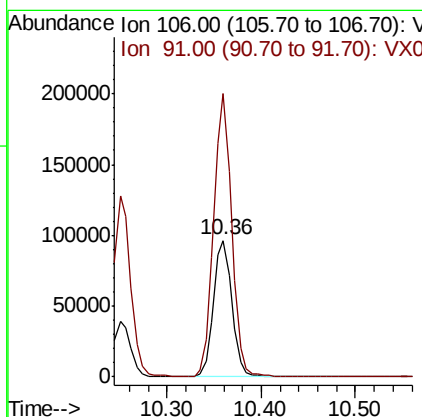
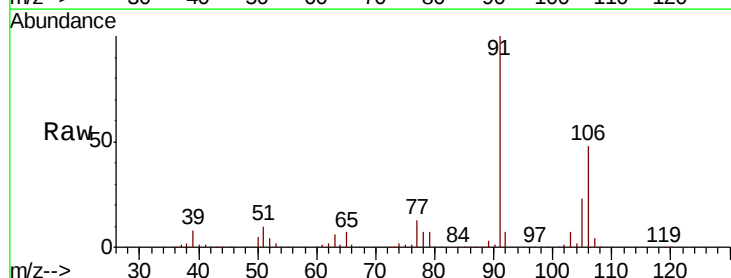
Manual Integrations
APPROVED

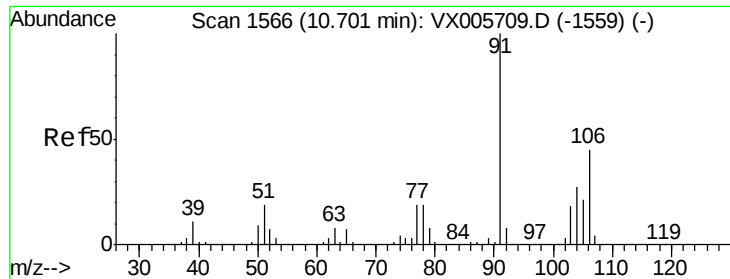
MMDadoda
11/7/2018 11:02:42 AM



#68
m/p-Xylenes
Concen: 39.965 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 106 Resp: 131406
Ion Ratio Lower Upper
106 100
91 203.3 164.2 246.4





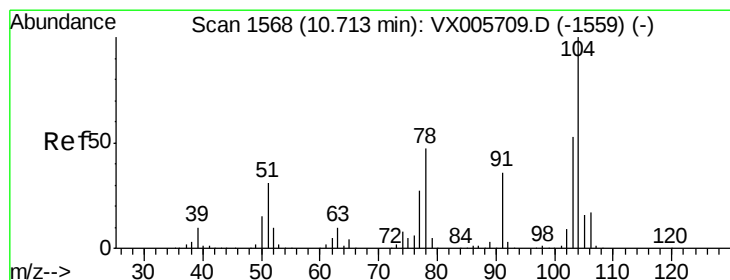
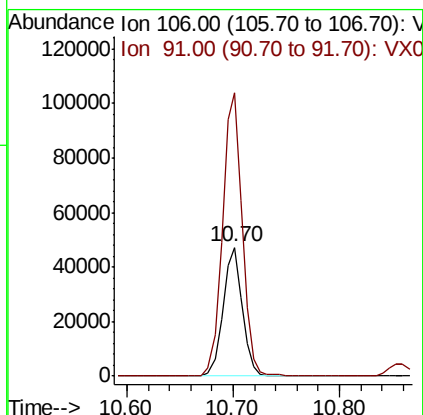
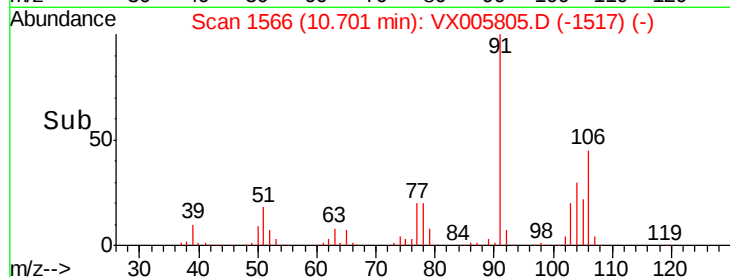
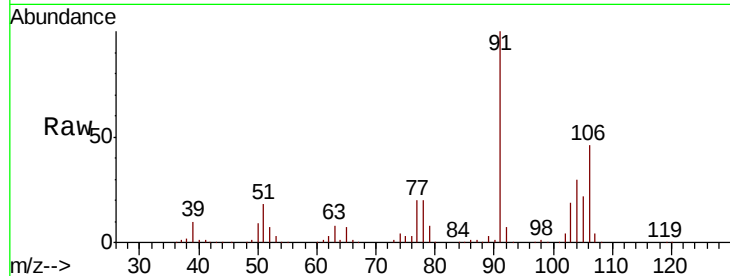
#69
o-Xylene
Concen: 18.910 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion:106 Resp: 59469
Ion Ratio Lower Upper
106 100
91 226.0 108.5 325.5

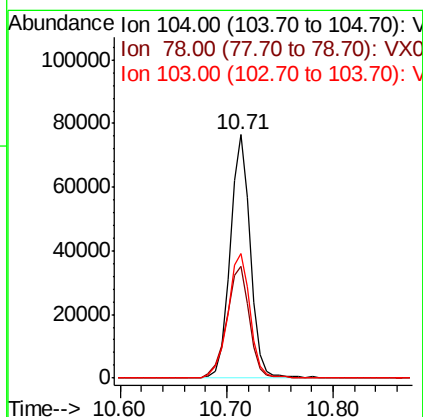
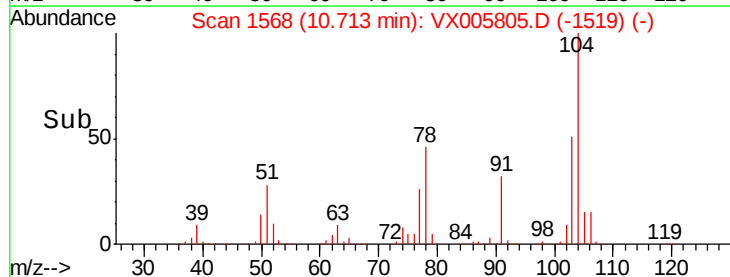
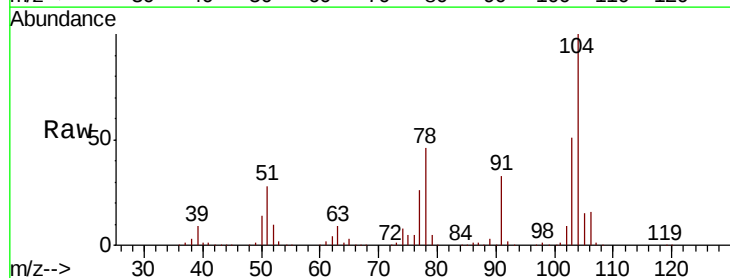
Manual Integrations
APPROVED

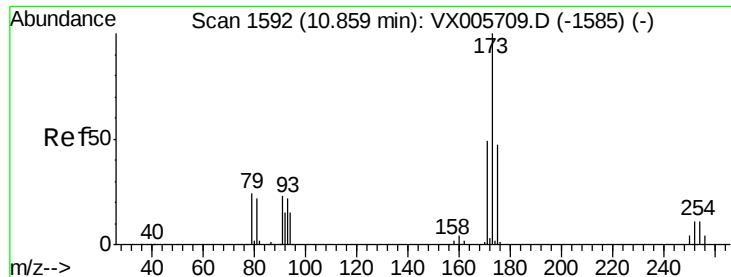
MMDadoda
11/7/2018 11:02:42 AM



#70
Styrene
Concen: 19.402 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion:104 Resp: 101340
Ion Ratio Lower Upper
104 100
78 52.0 40.2 60.4
103 56.9 44.9 67.3





#71

Bromoform

Concen: 17.795 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion:173 Resp: 25591

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

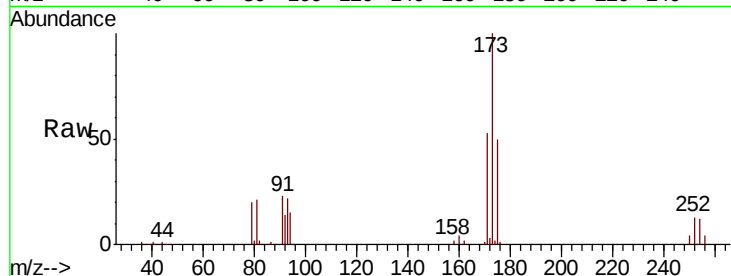
254 0.0 0.2 0.2#

Manual Integrations

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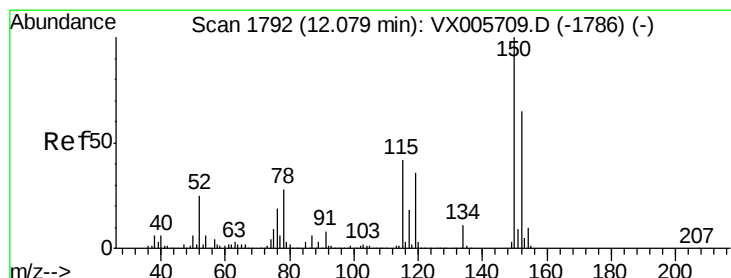
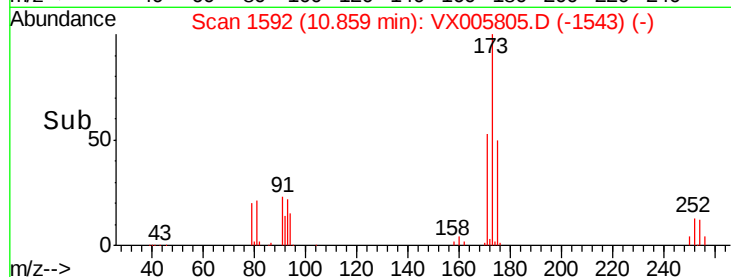
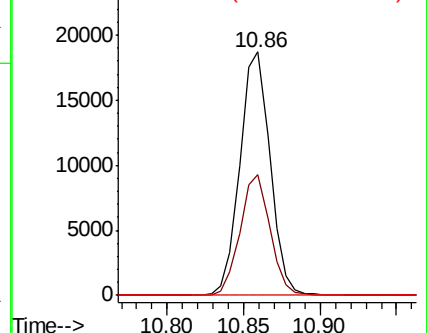
11/7/2018 11:02:42 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

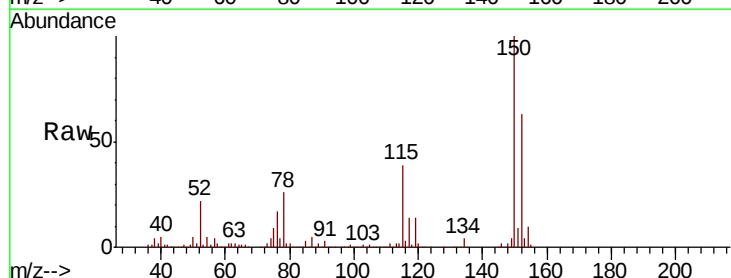
Tgt Ion:152 Resp: 125425

Ion Ratio Lower Upper

152 100

115 69.2 39.4 118.1

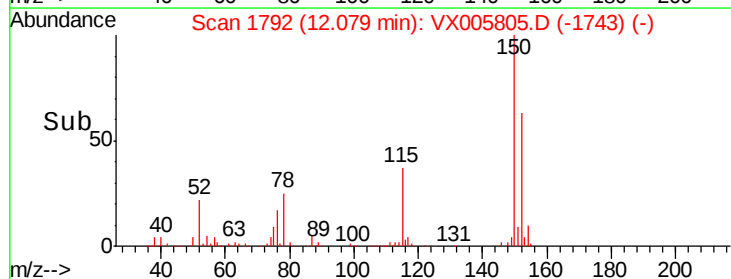
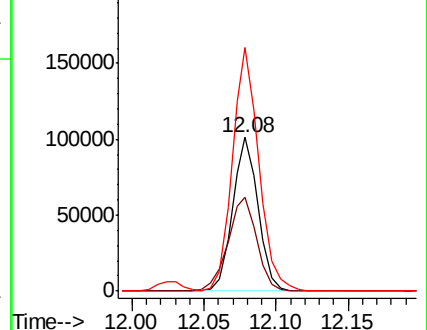
150 164.7 0.0 346.4

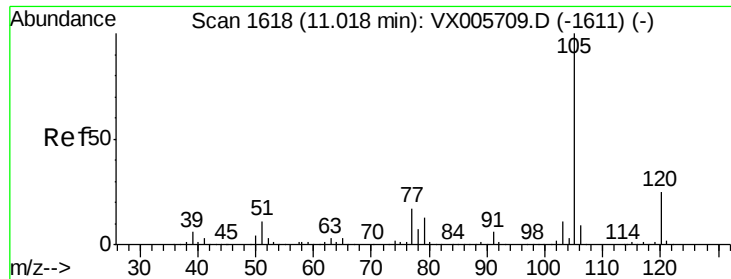


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





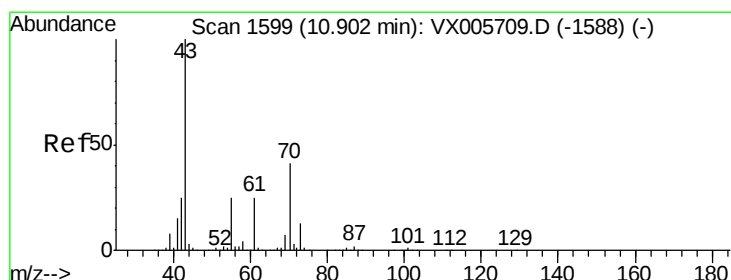
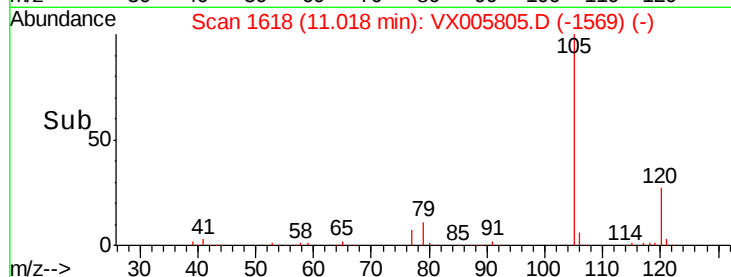
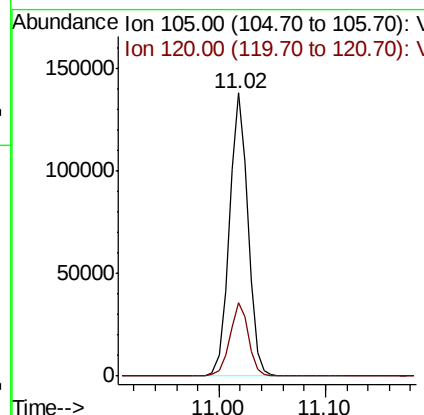
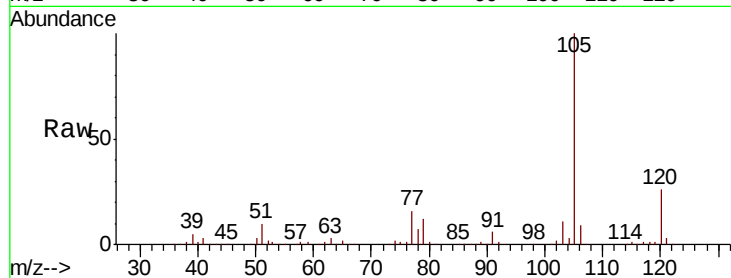
#73
Isopropylbenzene
Concen: 20.379 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 105 Resp: 168629
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

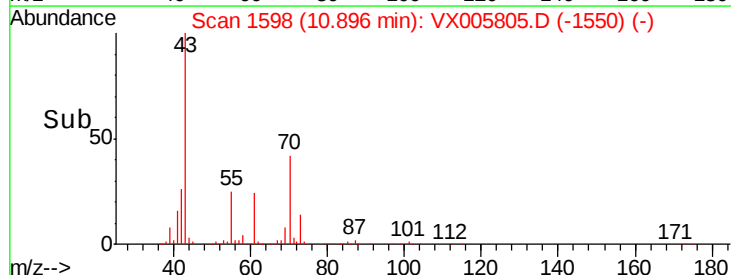
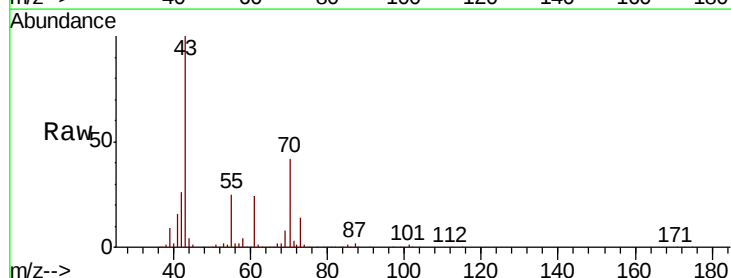
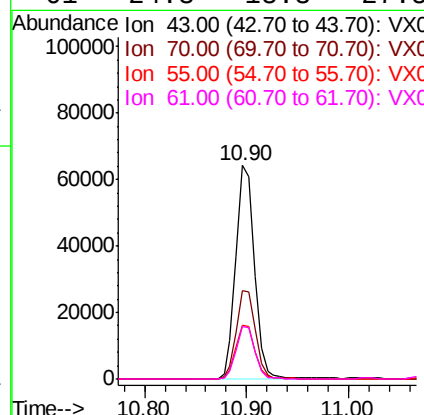
Manual Integrations
APPROVED

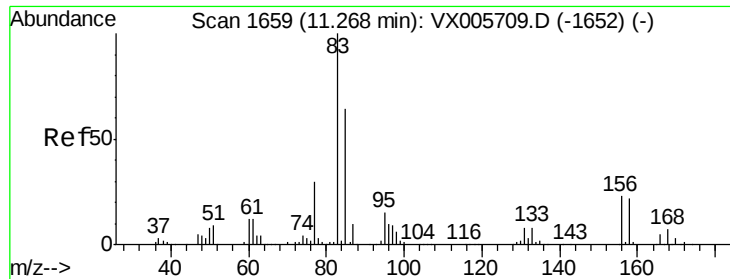
MMDadoda
11/7/2018 11:02:42 AM



#74
N-ethyl acetate
Concen: 18.523 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 43 Resp: 81603
Ion Ratio Lower Upper
43 100
70 42.2 31.6 47.4
55 26.2 19.7 29.5
61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.752 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

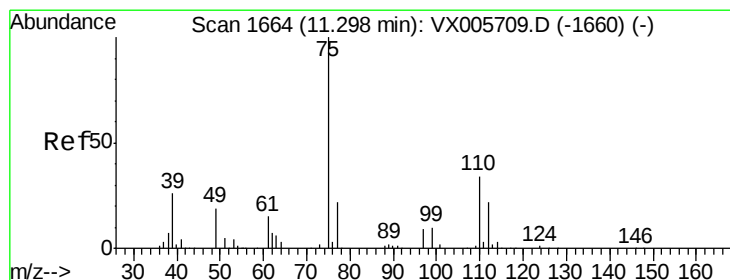
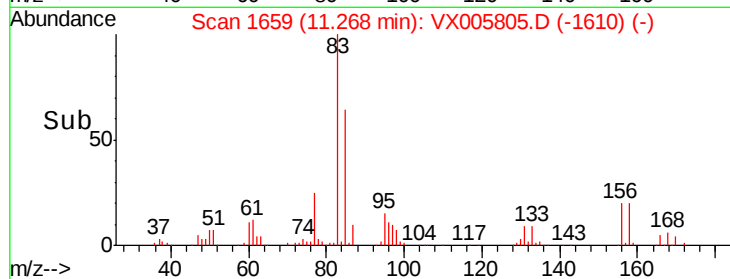
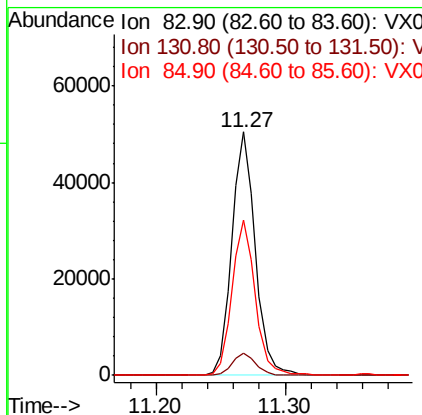
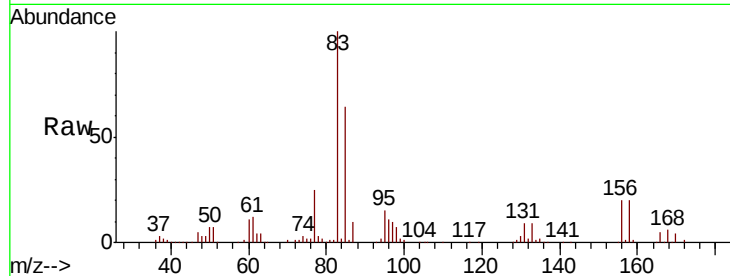
ClientSampleId :

VX1106WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	64374		
131	9.0	5.3	15.9	
85	63.3	32.0	96.2	

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.580 ug/l m

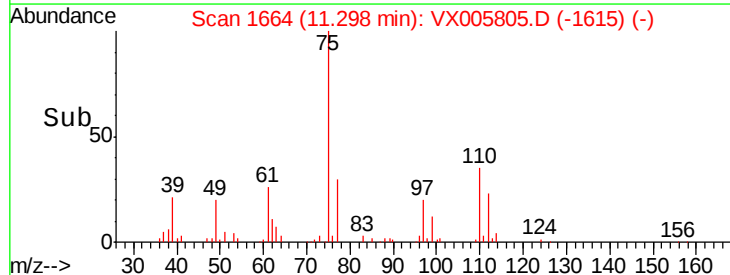
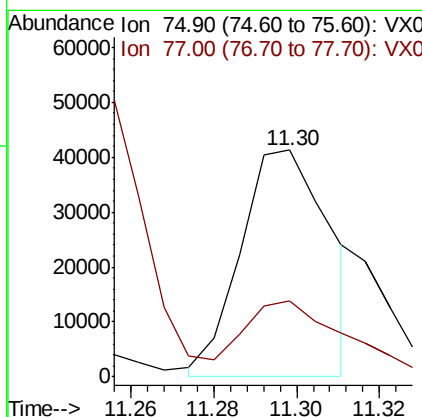
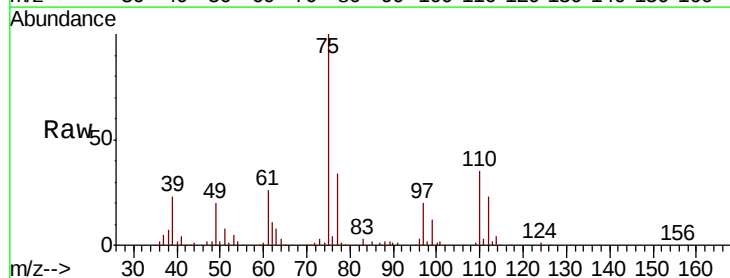
RT: 11.30 min Scan# 1664

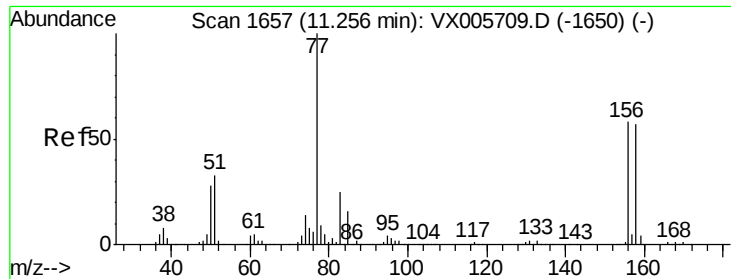
Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61164		
77	38.7	20.5	61.6	





#77

Bromobenzene

Concen: 20.157 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion:156 Resp: 41377

Ion Ratio Lower Upper

156 100

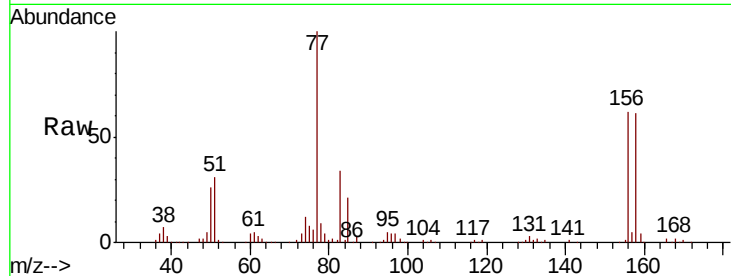
77 169.5 74.8 224.4

158 98.3 49.1 147.3

Manual Integrations
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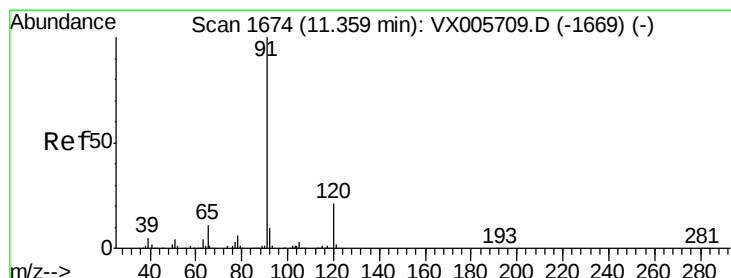
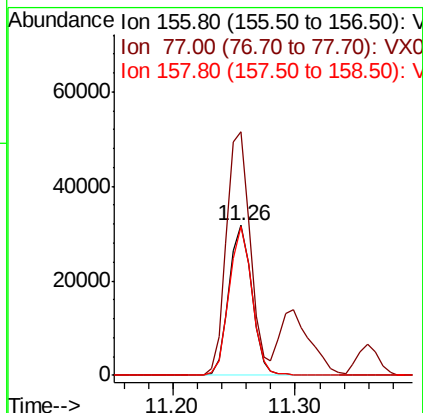
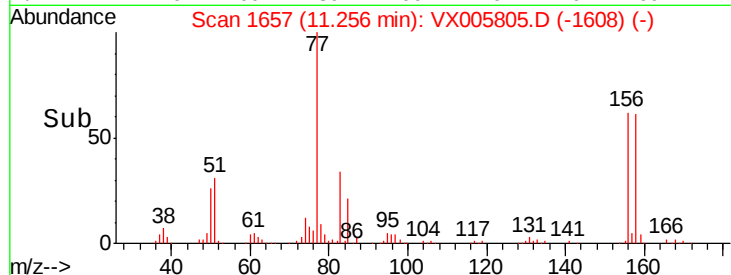
11/7/2018 11:02:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.704 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005805.D

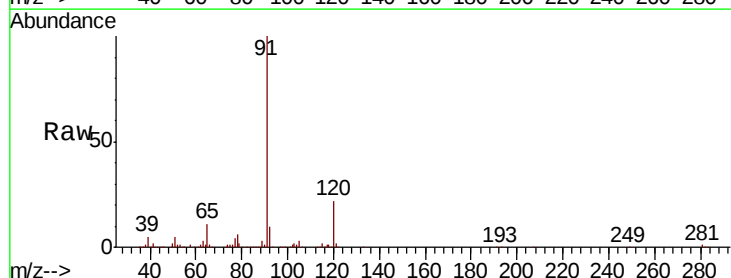
Acq: 06 Nov 2018 13:31

Tgt Ion: 91 Resp: 198345

Ion Ratio Lower Upper

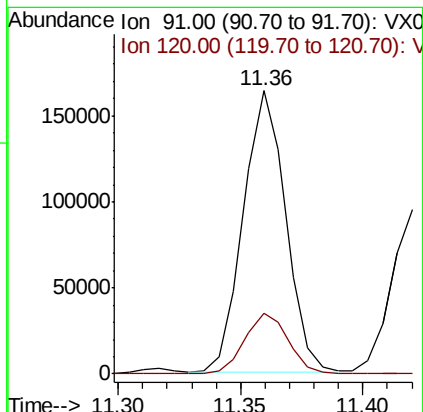
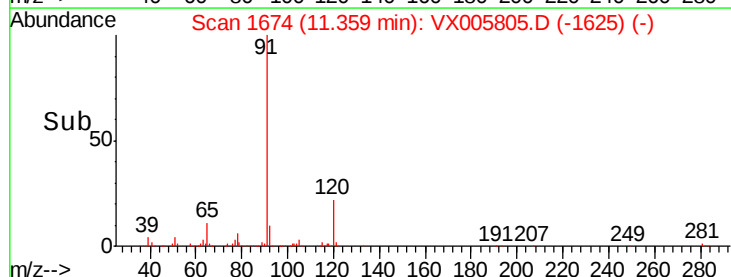
91 100

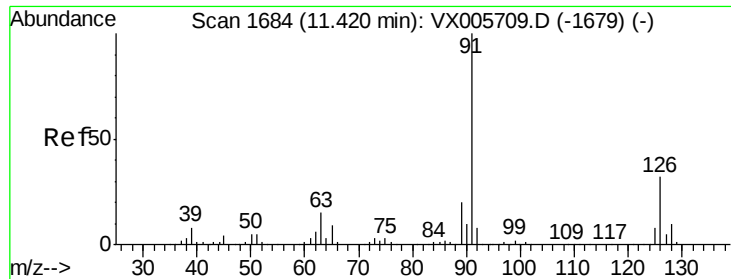
120 22.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





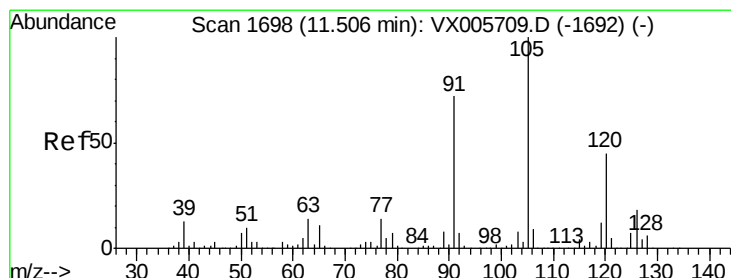
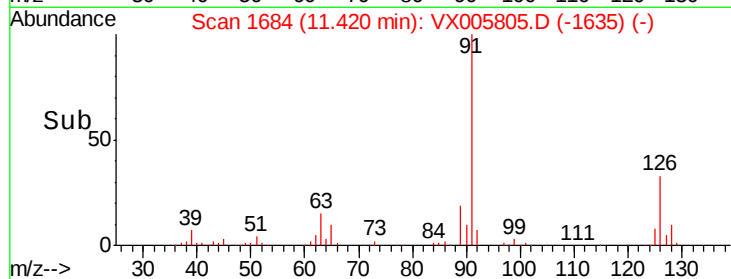
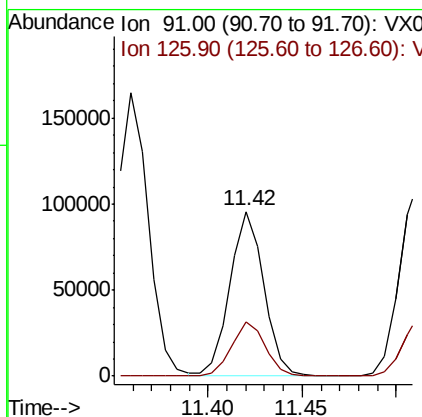
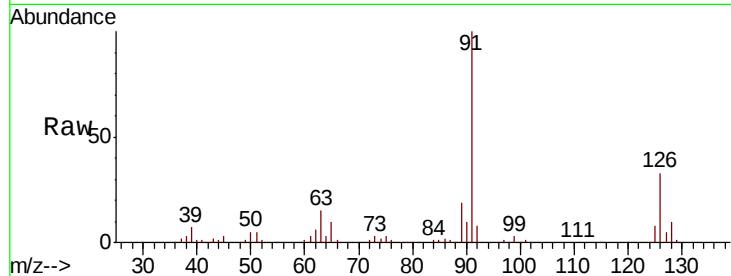
#79
2-Chlorotoluene
Concen: 19.620 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampled :
VX1106WBSD01

Tot Ion: 91 Resp: 117961
Ion Ratio Lower Upper
91 100
126 33.1 17.3 52.0

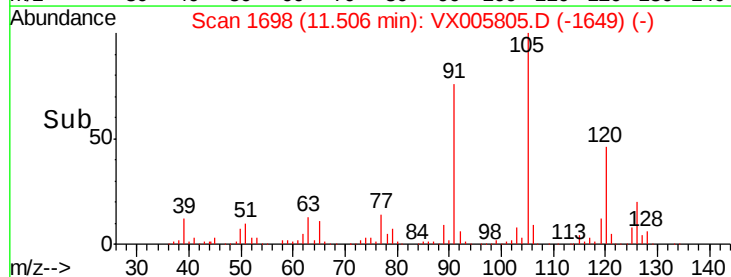
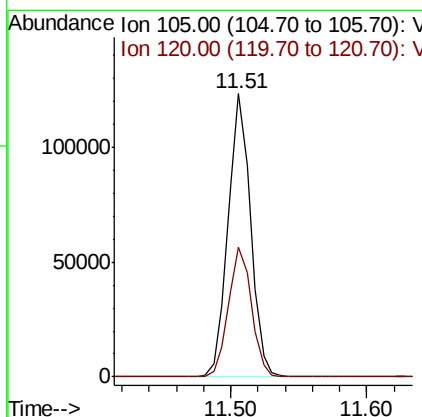
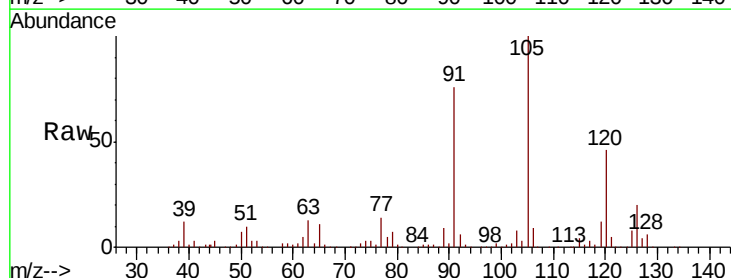
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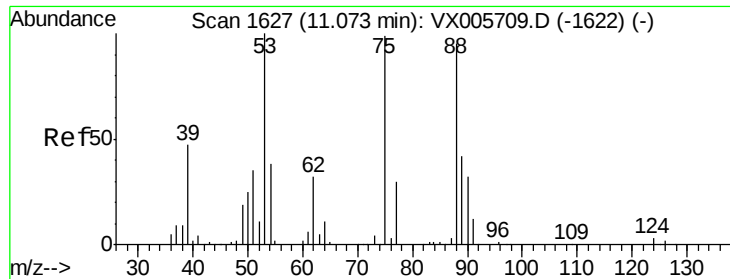
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.147 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 105 Resp: 141550
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.2





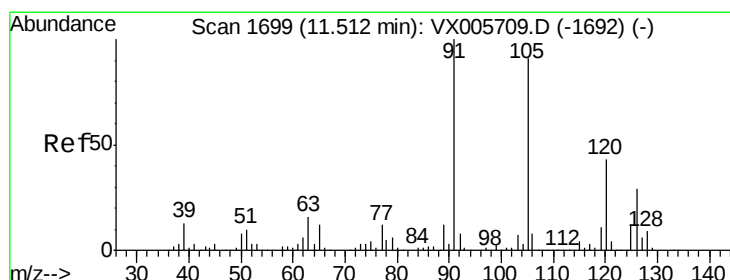
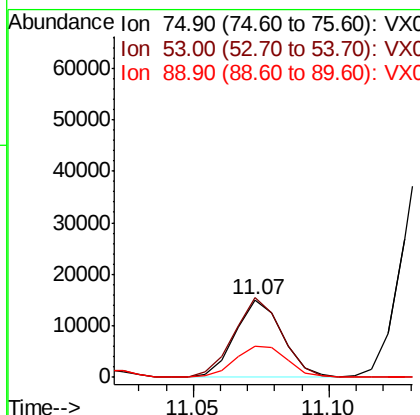
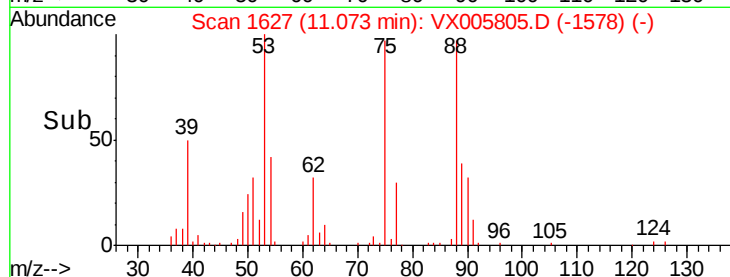
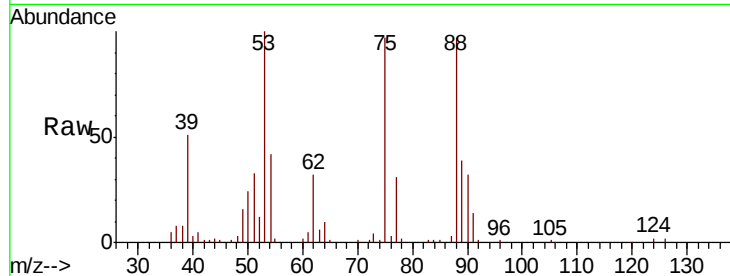
#81
trans-1,4-Dichloro-2-butene
Concen: 18.776 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion: 75 Resp: 18154
Ion Ratio Lower Upper
75 100
53 104.6 80.2 120.2
89 45.3 39.8 59.8

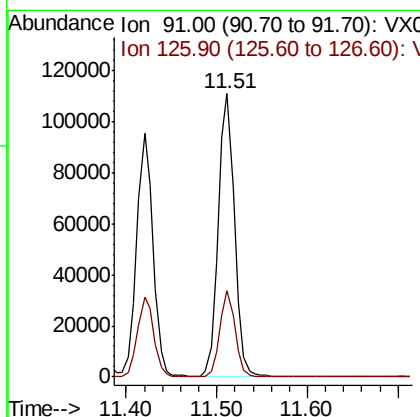
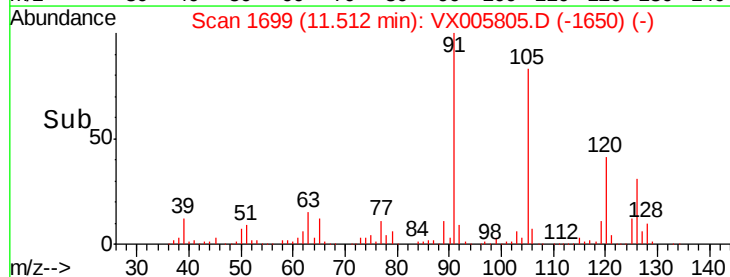
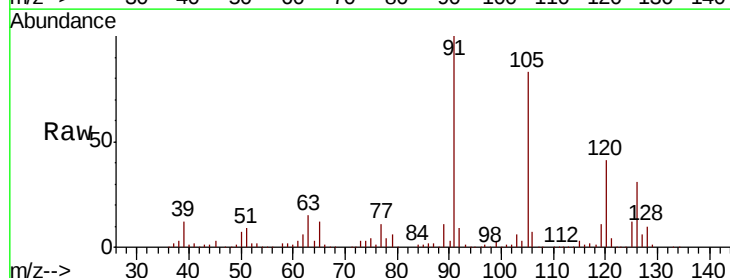
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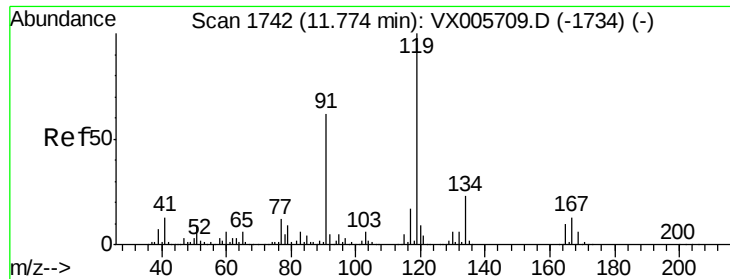
MMDadoda
11/7/2018 11:02:42 AM



#82
4-Chlorotoluene
Concen: 19.497 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion: 91 Resp: 139947
Ion Ratio Lower Upper
91 100
126 28.8 15.2 45.6





#83

tert-Butylbenzene

Concen: 19.862 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

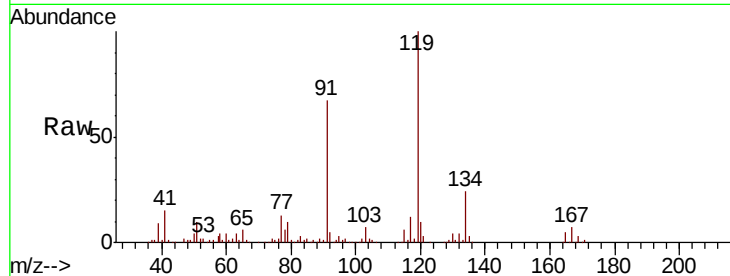
ClientSampled :

VX1106WBSD01

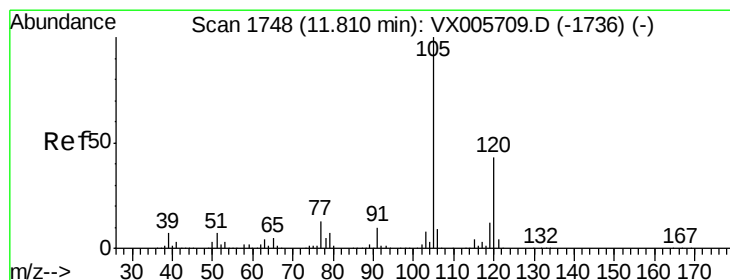
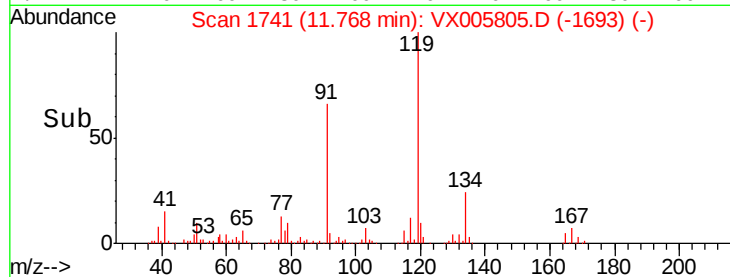
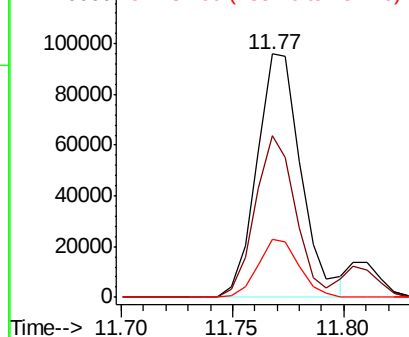
Tot Ion:	119	Resp:	133148
Ion Ratio	Lower	Upper	
119	100		
91	60.5	28.5	85.5
134	22.5	11.3	33.8

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.653 ug/l

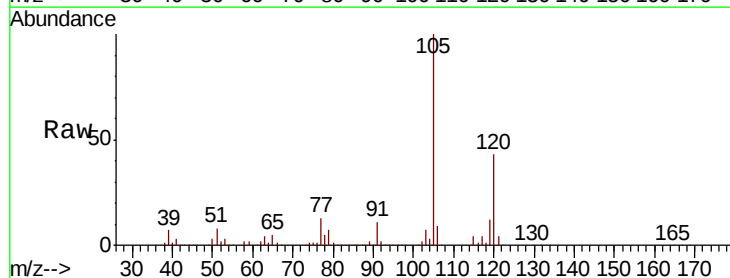
RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

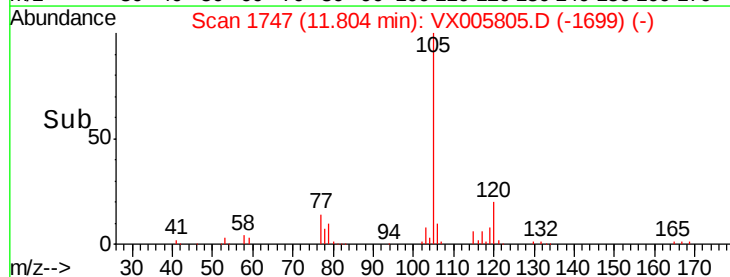
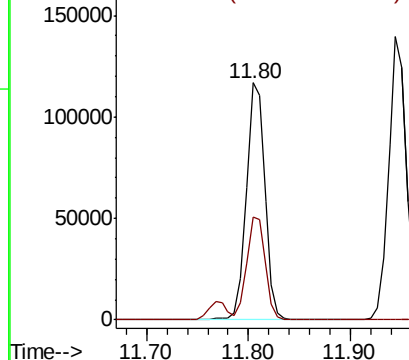
Lab File: VX005805.D

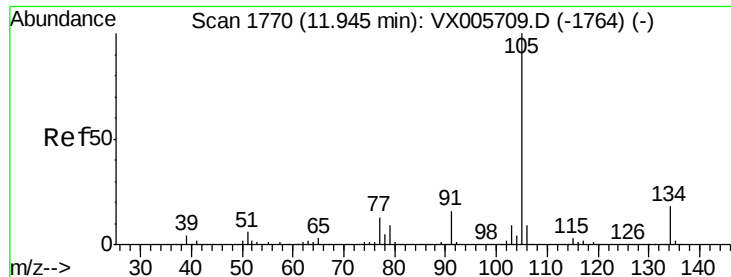
Acq: 06 Nov 2018 13:31

Tgt Ion:	105	Resp:	146532
Ion Ratio	Lower	Upper	
105	100		
120	43.3	22.4	67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.883 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

Tot Ion:105 Resp: 170984

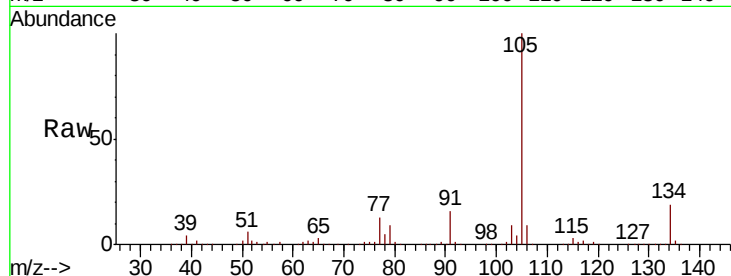
Ion Ratio Lower Upper

105 100

134 18.9 10.2 30.4

Manual Integrations
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11/7/2018 11:02:42 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

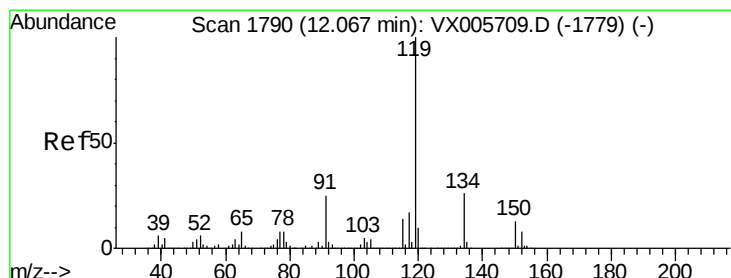
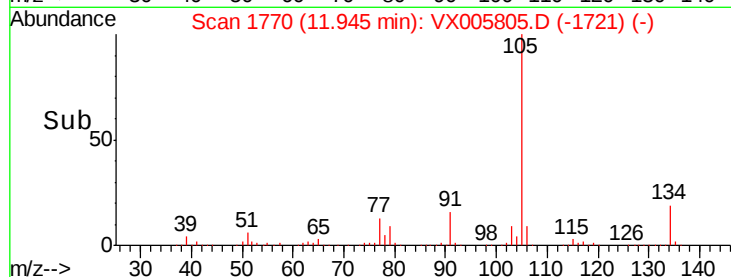
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.982 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005805.D

Acq: 06 Nov 2018 13:31

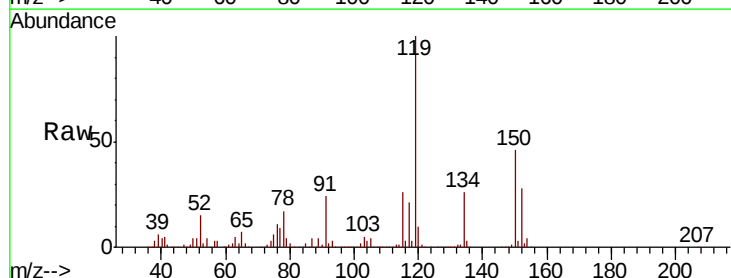
Tgt Ion:119 Resp: 146144

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.8 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

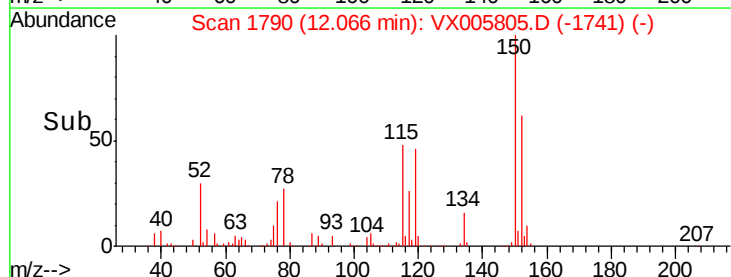
150000

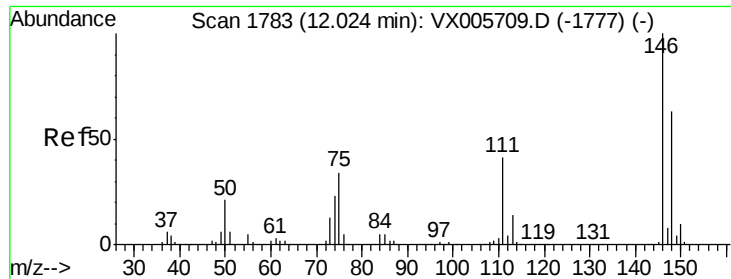
100000

50000

0

Time-->





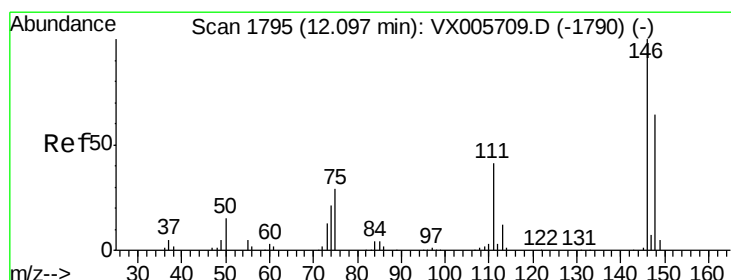
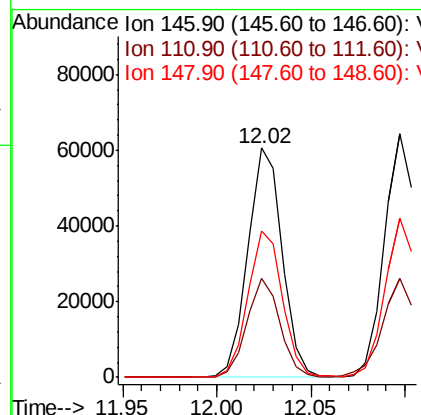
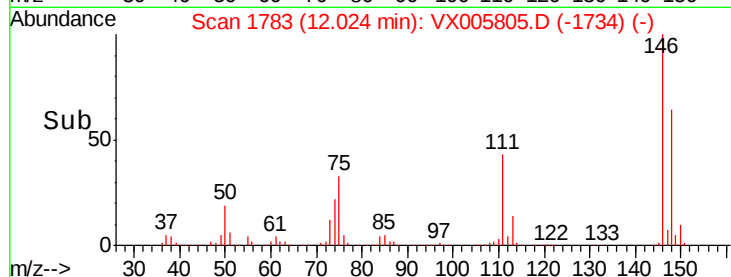
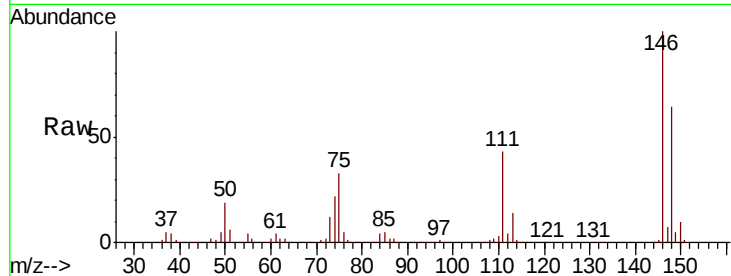
#87
 1,3-Dichlorobenzene
 Concen: 19.351 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.0	57.0
148	64.1	31.9	95.9

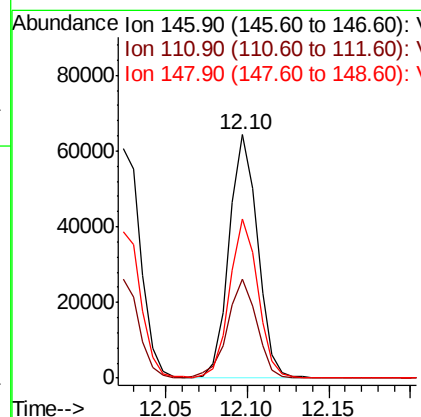
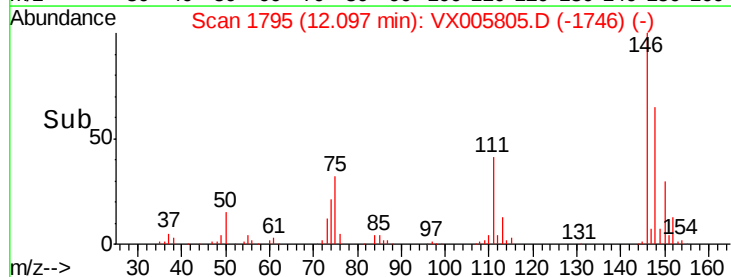
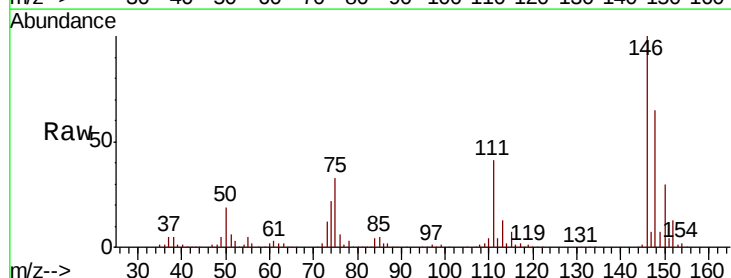
Manual Integrations
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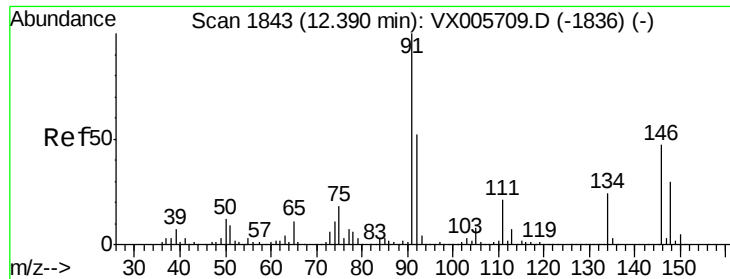
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#88
 1,4-Dichlorobenzene
 Concen: 18.307 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.6	55.8
148	65.2	32.1	96.3





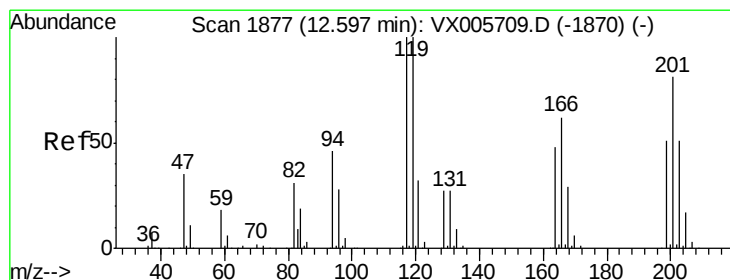
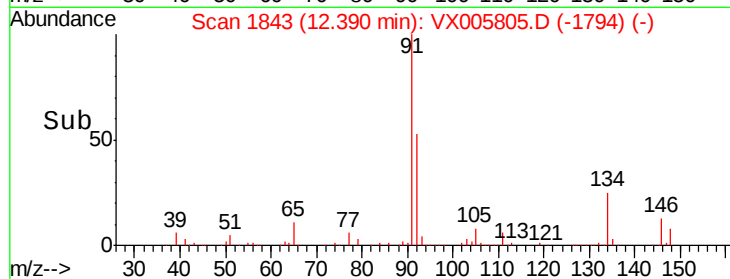
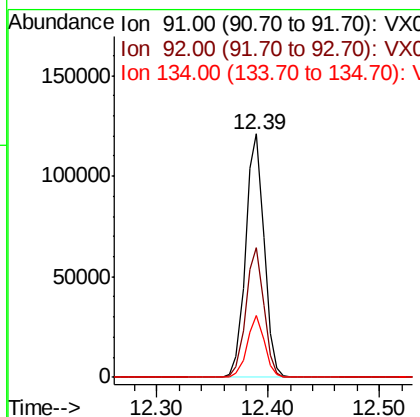
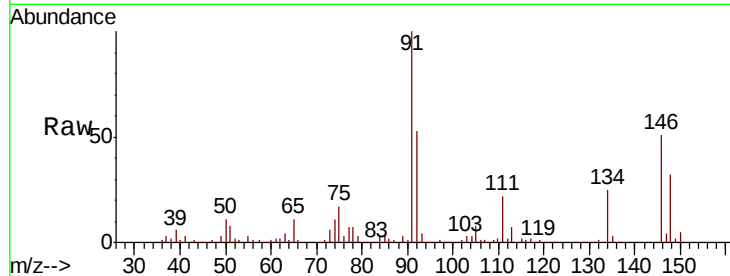
#89
n-Butylbenzene
Concen: 18.848 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	23.7	13.1	39.3

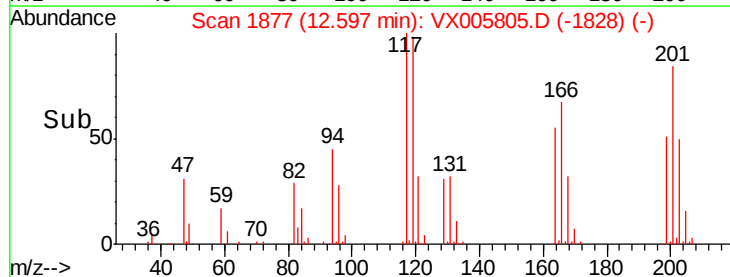
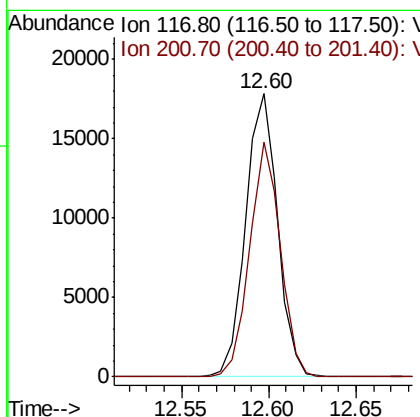
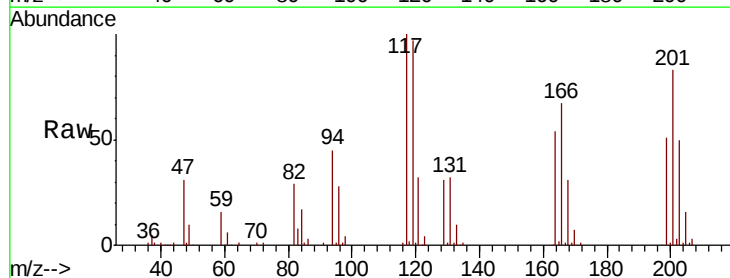
Manual Integrations
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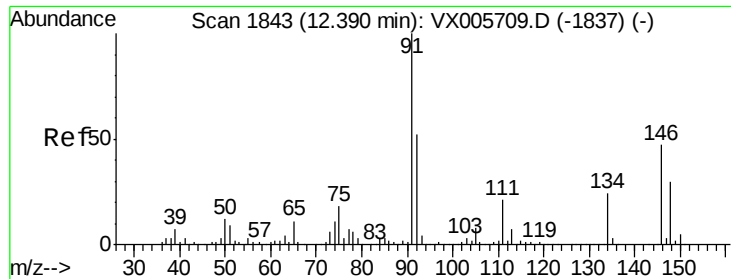
MMDadoda
11/7/2018 11:02:42 AM



#90
Hexachloroethane
Concen: 17.409 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	47.9	143.6





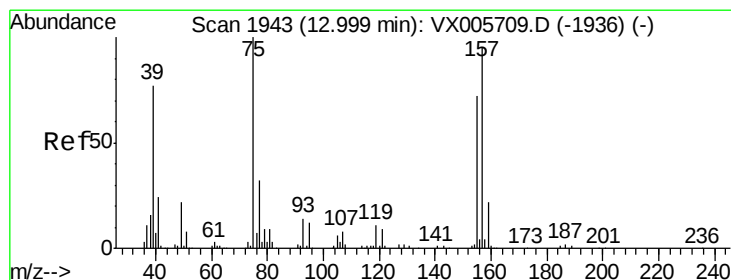
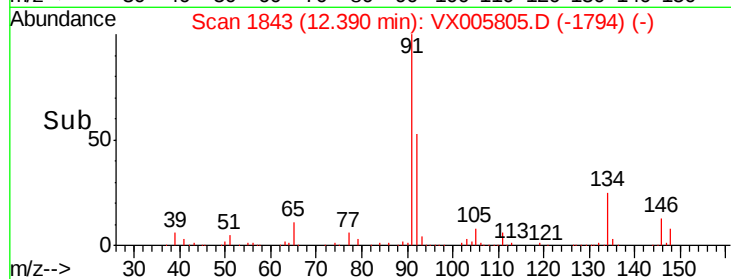
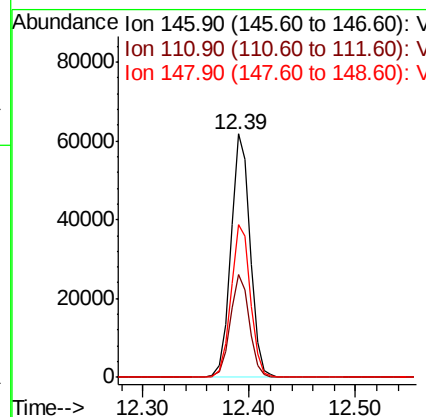
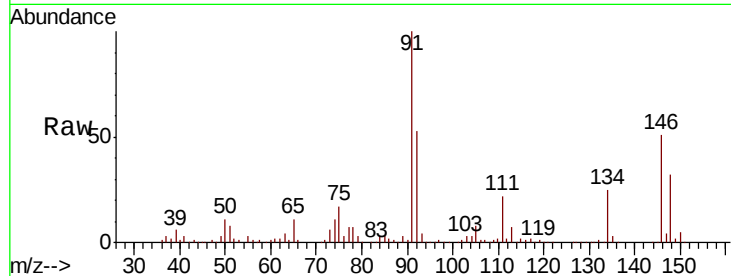
#91
 1,2-Dichlorobenzene
 Concen: 18.825 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.0	59.9
148	63.0	32.2	96.6

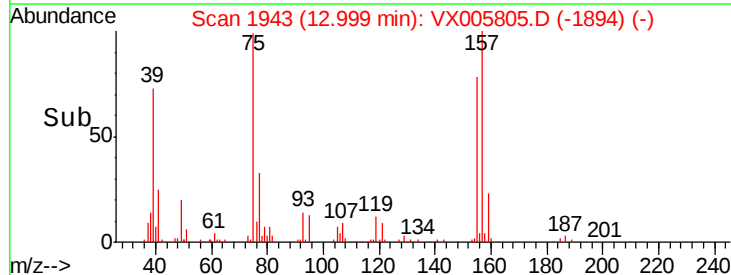
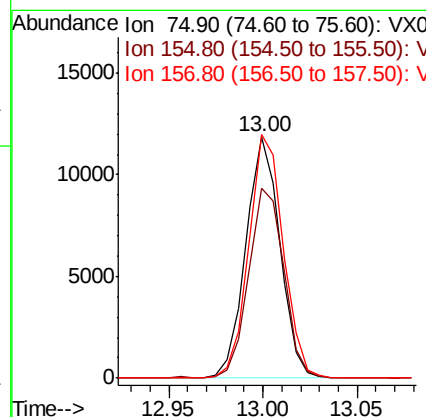
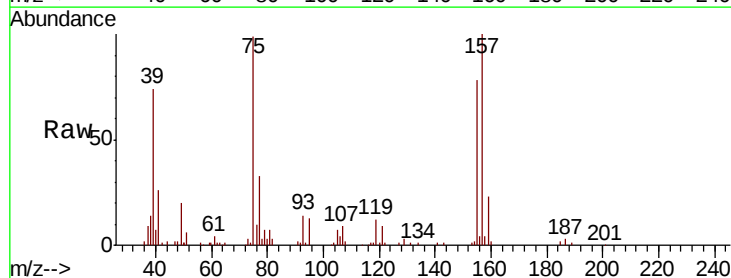
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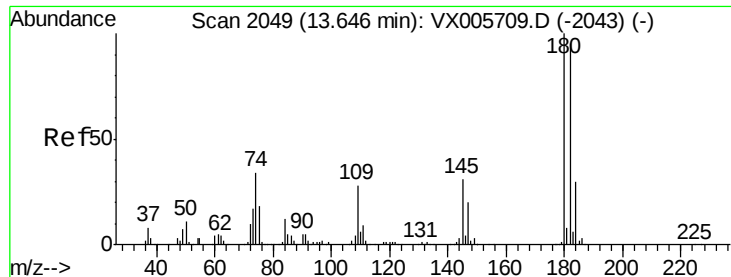
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.429 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	45.4	136.1
157	102.2	57.4	172.0





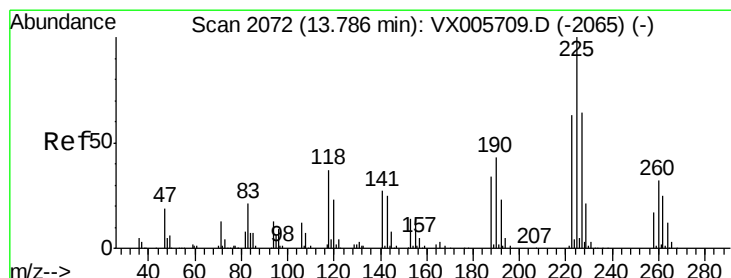
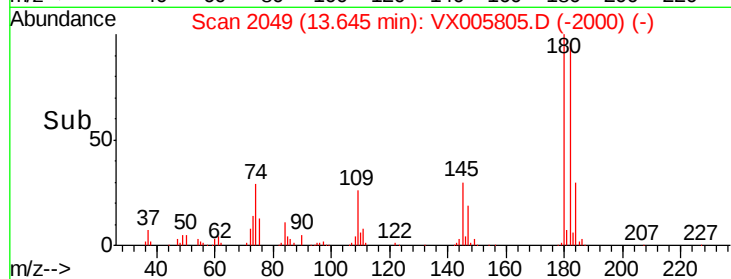
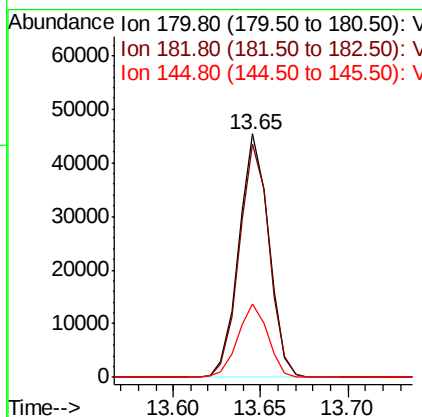
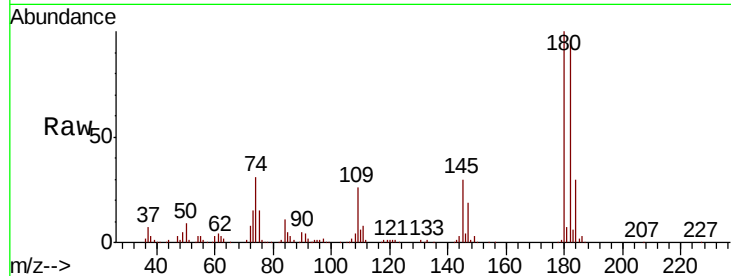
#93
 1,2,4-Trichlorobenzene
 Concen: 20.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion:	180	Resp:	53938
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.6	142.8
145	30.3	14.1	42.2

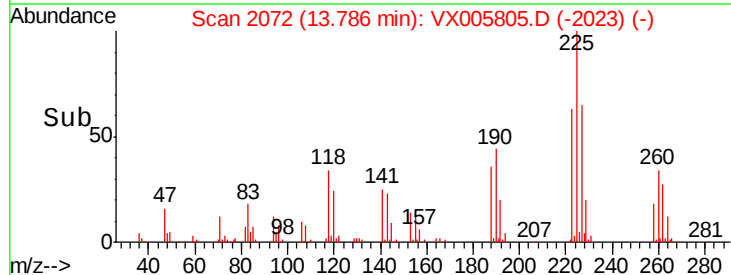
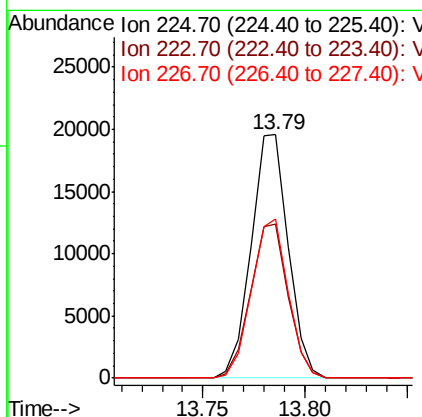
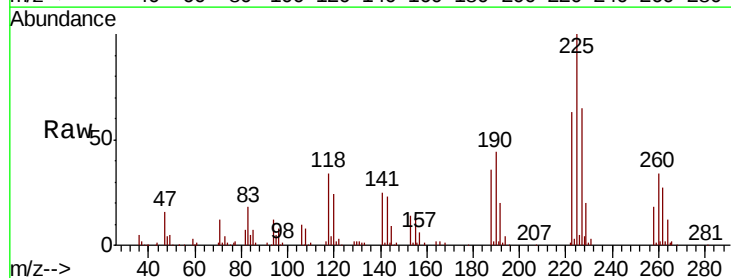
Manual Integrations
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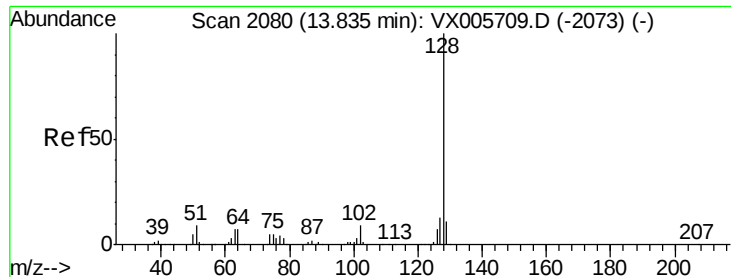
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 11/7/2018 11:02:42 AM



#94
 Hexachlorobutadiene
 Concen: 19.303 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005805.D
 Acq: 06 Nov 2018 13:31

Tgt Ion:	225	Resp:	24834
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.7	95.1
227	64.4	32.3	96.9





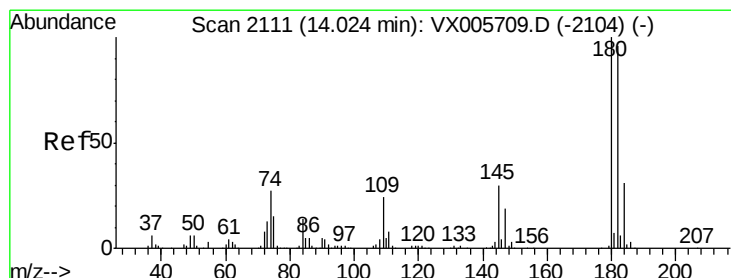
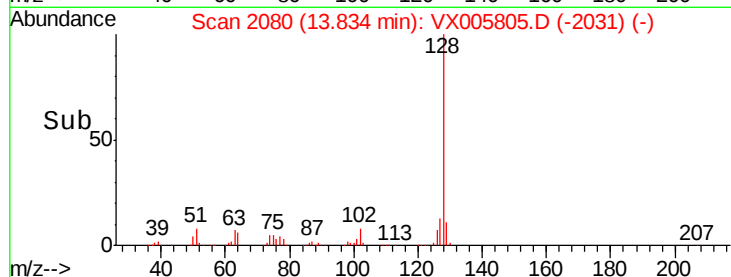
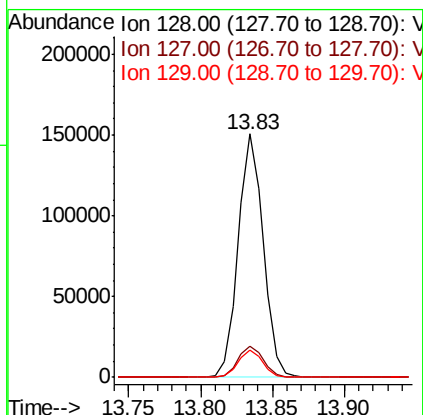
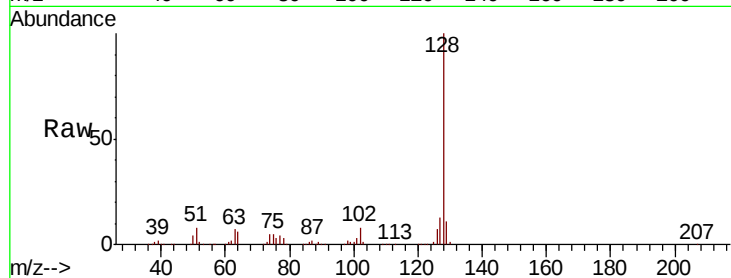
#95
Naphthalene
Concen: 20.836 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.452 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005805.D
Acq: 06 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	31.3	15.1	45.3

